

DUPUY & FERGUSON

63.01
Canada
1923

3 & 42 JACQUES-CARTIER SQ.
MONTREAL



1923



"THE HOUSE OF QUALITY"

All of the Nursery stock offered is grown on our grounds, that grown from cuttings and divisions we know to be clean and true and plants grown from seeds were selected from specimen plants only. The seeds don't always come true to color of some kinds of plants.

Our perennial plants are all field-grown, are given constant care and cultivation, and when sent out are strong and well developed clumps, much larger than the pot-grown plants offered by most houses.

We invite your special attention to the continual display we make of cut blooms in our store, from early summer till late in the fall. Many of our customers avail themselves of this opportunity to make the selection of varieties, as the relative merits are shown to the best advantage.

VISIT OUR NURSERY

While we have a fine stock of new and rare plants, we have not minimized the importance of the old-fashioned varieties.

Our gardens are situated 35 miles from Montreal, on the Montreal-Quebec highway, with the beautiful St. Lawrence forming a most picturesque background.

A nice short drive with plenty of quaint villages and fine rural scenery. Visitors always welcome.

ROUTE.—To Montreal East—Pointe-aux-Trembles—Charlemagne—St. Paul l'Ermite—L'Assomption—St. Sulpice—Lavaltrie.

After leaving the Island of Montreal, proceed inland away from the St. Lawrence as far as L'Assomption, then turn outwards to river again, following highway to Lavaltrie.

DUPUY & FERGUSON

38-42 Jacques Cartier Square

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MONTREAL

Telephones, Office Main 2594

Order Department, Main 350

NURSERIES, LAVALTRIE, Que.

Our Store is opposite Bonsecours Market and City Hall

DUPUY & FERGUSON

SEEDSMEN

38-42 Jacques-Cartier Square,

Montreal, Que.



ORDER BLANK

1923

FOR SEEDS, BULBS, PLANTS,
ROOTS, TOOLS,
IMPLEMENTS, ETC.

DUPUY & FERGUSON give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

DUPUY & FERGUSON

38-42 Jacques Cartier Square, Montreal.

SEND BY _____ Date _____, 1923
State if wanted by Parcel Post, Express, Freight or Steamer

TO (Name) _____
(Mr., Mrs. or Miss; write name very plainly; always write name the same way.)

P. O. Box, Street
or Rural Del'ry -----

Post Office _____

County _____ : Prov. _____

Station or Exp. Office _____
(Only if different from P. O.)

AMOUNT ENCLOSED

Money Order \$_____

Cash - - - \$ _____

Stamps - - \$_____

TOTAL \$_____

Date: _____ 192

**Mark (X) opposite your
Occupation Amateur
Gardener - Farmer - Florist**

All seeds forwarded by mail are sent FREE OF CHARGE at Catalogue Prices, excepting BEANS, CORN, MUSHROOM SPAWN, ONION SETS, POTATOES, PEAS, SUGARBEET, FIELD CARROT, MANGEL, RAPE, FIELD TURNIP, CLOVER, and GRASS SEED; when such are to be mailed, postage must be added at the rate of 5 cents per $\frac{1}{4}$ lb.; 6 CENTS per $\frac{1}{2}$ lb.; 10 CENTS per lb.; and for each additional pound 8 CENTS per lb. extra within the Dominion of Canada; and 16 CENTS per pound to NEW-FOUNDLAND and the UNITED STATES.

ADDITIONAL ORDER BLANKS WILL BE FORWARDED ON REQUEST

DUPUY & FERGUSON'S

QUALITY SEEDS

OUR BUSSINESS PRINCIPLES

Your interests and ours are mutual. You seek to make that Garden of yours as profitable and lovely as the one you have so often admired. We seek to procure Seeds that will ensure the best crops that can be grown. Your problem is to get the best Seeds—those that will give you the return and satisfaction for your skill and labor. Our problem is to supply them: and the success of our business depends upon our doing so.

We have always believed that a satisfied Customer never forgets the firm which fulfils its promises; and that a dissatisfied Customer never lets his neighbors forget a firm who has bested him. We have always believed that it is just as easy to do business honestly and squarely as to do it in the other way, and a great deal more profitable, too.

We believe that the Customer who, hundreds of miles away, sends us his orders on the strength of our representations is entitled to as much consideration as if he merely lived across the street, where his Garden would stare us in the face all summer. We have always tried to do a little more than we promise, and to please our distant Customers as well as if they had bought at our establishment in person.

HOW TO ORDER.—In ordering, please be particular to sign your name in full, also that of your Post Office and Province plainly; also mention the mode of conveyance you prefer—whether by Mail, Express or Freight. Serious delays are sometimes occasioned by failing to give attention to these matters. Please use order sheet, carefully filling out blank space at top for shipment directions. Extra order sheets and envelopes can be had on application.

LADIES.—should always prefix their names with Miss or Mrs. as the case may be.

FLAG STATIONS.—Freight charges must be included in all orders for goods addressed to flag stations. Otherwise it will be necessary to reduce quantities to allow for freight, as the charges to flag stations must always be prepaid.

MARKET GARDENERS.—It will put money in the pocket of every market gardener receiving this catalogue, who has not already received a copy of our WHOLESALE PRICE LIST for MARKET GARDENERS and FLORISTS, to ask for it at once. Private planters need not apply for it, as it is intended only for those raising truck for sale.

ORDERS.—From new customers (to secure prompt attention) should be accompanied with remittance, or satisfactory references.

ORDER BY NUMBER.—When ordering flower seeds it is not necessary to write out the name of the varieties wanted, simply give the number, the quantity and price.

CHANGES OF RESIDENCE. In order that our Catalogue may be forwarded regularly, we shall feel obliged if Customers will inform us of a change of residence. To any Customer who may fail to receive a Catalogue at the usual time, we will gladly send another copy on receipt of a line.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the pressure of business, errors may occur, in which event we wish to be promptly notified of the fact, and we will make such corrections as will be satisfactory.

GARDENERS' AND HEAD FARMERS' SITUATIONS.—We have at times the names of practical gardeners and farm managers in want of situations on our books. If parties desiring such will write us, we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection, we ask full particulars. We make no charge for this service.

GUARANTEE.—We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

ORDER YOUR SEEDS EARLY

It is to your advantage to send your order in early in February, for then a complete selection is assured. March and April are busy months for the seedsmen, and our full force has to work day and night. Our list contains only such varieties as we know are absolutely the best. If you have any favorite that is not listed here, ask for it—we can furnish any variety desired.

38-42 Jacques Cartier Square --:--:-- MONTREAL.

TELEPHONES: OFFICE, MAIN 2594

ORDER DEPARTMENT, MAIN 350

NURSERIES, LAVALTRIE, Que.

Our Store is opposite Bonsecours Market and City Hall.

Specialties and Novelties

FOR SEASON 1923

16. New Rochester Aster "Aurora."

—This beautiful new color is offered by us for the first time. The flowers are of large size 3 to 5 inches across, are of the chrysanthemum type and are borne on very long stiff stems. The ground color is purple, distinctly striped with white. Pkt., 25 cts.

18. Aster. "White Beauty."

—It was not until this year that we were able to offer seed of the White Beauty Aster. Like all the others of its type, it is freely double, flowers of immense size, with stems 20 to 24 inches in length. Pkt., 25 cts.

17. Beauty Aster. "Azure Fairy."

—This beautiful new color is offered by us the first time this year, it is a pleasing light blue. The flowers are always of the largest size. Pkt., 25 cts.

37. Aster. "Heart of France."

—The best pure red Aster ever introduced: Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow centre. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. The plants begin to bloom quite early in the season and open fully with the mid-season varieties. They retain their brilliancy and lustre for a longer period than almost any other color. Pkt., 20 cts.

40. Aster. "Peerless Yellow."

—Pale, sulphur yellow. Flowers large and remarkably full, ball shape, centre deeply covered with curled and twisted florets. The plants are of branching type, very vigorous, growing to great size. Extremely profuse bloomer. The most satisfactory yellow Aster yet introduced. Pkt., 15 cts.

64. Aster "Silvery Rose."

—Deep lilac rose, delicately threaded with white, giving to the petals a silvery sheen. The flowers are extremely large and double, while the plants are strong and vigorous, with long stems. Pkt., 15c

71. Aster "Pacific Beauty."

—A new Aster originating with us. is a most beautiful form of flower. The petals are waved and long and so gracefully curled as to give it an unusually attractive appearance. The plants of the Giant Crego type are of vigorous growth, bearing a profusion of immense blooms measuring five to six inches in diameter. Pkt., 15 cts.

New Aster, "Ferguson's Unrivalled"

The largest and most beautiful of all Asters. A splendid new class of mid-season asters, a superior race in every way. The plants have the robust habit and growth and length of stem that characterize the Beauty Type. The flowers are the most beautifully formed of all large Asters. The petals are of thick, durable substance and in consequence, the flowers last long in perfection. When well grown the flowers of Ferguson's Unrivalled Asters average 5 to 6 inches across. These magnificent



Beauty Aster

blooms being gracefully placed on strong well-leaved stems 18 inches long, resemble large sized chrysanthemums, and are unsurpassed as cut flowers for vases and home decoration. Their immense size and beauty as well as their long and sturdy stems make them very attractive.

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|---|-----------------------------|
| 10. Peach Blossom Pkt. 25c. | 13. Dark Purple.. Pkt. 25c. |
| 11. Deep Rose.... 25c. | 14. Mixed Colors.. 20c. |
| 12. Light Blue.... 25c. | |
| 15. A packet of each of the above 4 colors, 75 cts. | |

72. Aster "Ball's White".—A giant Aster of the late branching type. The product of twelve years selection by George J. Ball, the great American Aster specialist, who selected the parent plant from amongst his Late Branching Asters in the fall of 1908. It has been grown and the seed carefully selected ever since. The flowering season comes in between the Unrivalled and Late Branching types, filling in the season between the early and late flowering sorts. It grows to a medium height with full distinctively centered blossoms, making it an ideal flower for Florist long-distance shipping. Per pkt., 15c.

73. New Aster. "Helvetia".—Single, late flowering. This is described by the raiser as follows: "A hybrid from the American late branching type, and producing, on long stems, brilliant deep crimson flowers, similar in color to the variety "General Joffre," in the sinensis section, a color much desired in late asters, and in this Novelty the habit of the plant is tall, thus rendering the flowers invaluable for cutting. Pkt., 20cts.

NEW GIANT FLOWERED ANTIRRHINUMS

210. Radiance.—In the development of the Antirrhinum many new and rare shades of colour have been produced, but few as vivid as this. Seen in the mass the general effect is that of a rich salmon red, or terra cotta shaded salmon, a warm and brilliant tint which makes a splendid show in the garden. The individual flower presents three shades of colouring, being a deep salmon rose above, the centre vivid orange, merging into terra cotta at the base.

The plants are models in habit, vigorous, freely branching and yet compact: they produce a great number of symmetrical and well furnished spikes of bloom, rendering this novelty excellent both for beds and as a cut flower. Pkt. 30cts.

211. Pink Beauty.—Deep rose-pink self, enormous blooms. Pkt., 15cts.

212. Feltham Beauty.—Deep rose-pink with white center. The immense blooms are the largest yet introduced. Pkt., 15cts.

213. Orange Beauty.—Very large flowers of a lovely orange-scarlet with golden lip. Pkt., 15cts.

214. Captivation.—A charming rich chamois shaded pink, an unique color. Very large flower, fine spike, free flowering. A perfect gem in Antirrhinums. Pkt. 15cts.

279. Begonia Gracilis "Pink Profusion

In spite of the great number of Bedding Begonias on the market, a really good floriferous pink sort was still wanting. As this novelty possesses these good qualities to a remarkable degree, it will be very welcome equally for bedding purposes, for potting and for vases. No other variety is nearly so floriterous, a single branch carrying about twenty-five flowers and buds at a time, but there is no other sort which can compete with the pure color, La France Rose, and peculiar elegance of this new Begonia. Pkt., 50cts.

293. Canterbury Bells. (Double) "Violet King."

The old garden favourite has lost none of its popularity, but efforts to improve it while producing greater floriferousness have tended to induce a rather straggly habit. Our new variety has not only a distinct shade of color—a lovely deep violet—but the plant is elegant without being dwarfed, a graceful centre stem, 2 to 2½ ft. in height dominating and giving character to the whole. This combination of habit and novelty of color will ensure it a cordial reception by every gardener. Pkt., 20cts.

Giant Chinese Wool Flower.

This Celosia from China is a Novelty and attracted a great deal of attention during the past season. The plant grows from 2 to 3 feet high and has an immense globe-shaped flower head resembling a large ball of wool often 7 to 8 inches in diameter. Besides the main central stem, the plant throws out numerous side branches, each terminating in a ball of colored wool. It blooms profusely during summer and fall and retains its full beauty and color until late in the season. Very effective for planting in beds and borders also valuable for cutting purposes, and decorative plant for conservatory.

367. Giant Wool Flower.—Crimson. Pkt., 15cts.

368. Giant Wool Flower.—Pink. Pkt., 15cts.

369. Giant Wool Flower.—Rose, Pkt., 15cts.

370. Giant Wool Flower.—Yellow. Pkt., 15cts.

371. Giant Wool Flower.—Mixed. Pkt., 10cts.

627. New Climbing Heliotrope. "Royal

Highness."—A magnificent new heliotrope of wonderful growth, forming immense plants that spread and climb to the height of 10 or 12 feet. It



Giant Chinese Woolflower

has splendid large trusses of rich purple flowers and is a most profuse bloomer. For bay windows or as a pot plant, it is invaluable. Pkt., 25cts.

617. Hollyhock. New Double "Exquisite"

Measuring from 4 to 5½ inches across, the flowers of this new Hollyhock possess the charming new feature that every petal, both the outside as well as the center, is exquisitely curled and fringed to an extent that immediately attracts the attention of the flower-lover. The finely laced petals, white at the margin, are adorned with a large blotch much like a pelargonium, and the present range of color includes shades of rose, violet, and dark purple. Pkt., 20cts.

596. Gypsophila Paniculata Fl. Pleno.

"Snow-White."—A serious drawback to the usefulness of the popular double perennial Gypsophila has hitherto been that it is not really a pure white. After a number of years of careful selection we have succeeded in obtaining a strain of which the flowers are of an absolutely pure white, and we have now great pleasure in offering it to horticultural trade. Another valuable feature of this novelty is that it produces a larger percentage of double flowers than the old type, so that it has an assured future for all the purposes for which Gypsophila can be used. Pkt., 25cts.

678. Lobelia. Erinus Compacta "Blue Wings."

A splendid new Lobelia of brilliant effect. The fresh green foliage becomes entirely hidden by a sheet of bloom of a deep ultramarine blue. The individual flowers are usually large, richer in hue than the well-known "Light Blue," while avoiding the extreme darkness which sometimes detracts from the popular "Crystal Palace" variety. This novelty will render excellent service in the garden, as well as making a fine subject for pots. Pkt., 25 cts.

Phlox. "Ferguson's Victory."

Grand acquisitions, forming sturdy little bushes only 8 inches high, producing masses of bloom from ground to summit. The flowers, borne in immense trusses, are unusually large and of superior substance. For bedding this is a most brilliantly effective annual type.

983. DARK CRIMSON.—Pkt., 15 cts.

984. PURE WHITE.—Pkt., 15 cts.

985. BRILLIANT CRIMSON.—Pkt., 15 cts.

986. SULPHUR YELLOW.—Pkt., 15 cts.

987. VIOLET PURPLE.—Pkt., 15 cts.

988. LIGHT BLUE, WHITE EYE.—15 cts.

989. APRICOT.—Pkt., 15 cts.

990. MIXED.—Pkt., 15 cts.



Blue Lace Flower

503. The Wonderful Blue Lace Flower

—The finely laced flowers are of the most exquisite light blue shade, gracefully borne on long stems. Beautifully decorative in a vase or bowl. Plant the seed in the hotbed in March and follow with a sowing outdoors in May and another in June and you can cut to your heart's content until frost. It is of cut-and-come-again nature; the more the flowers are cut, the more the plants will bloom. Pkt., 20 cts.

Balcony Petunias.—For window or porch boxes, dry banks, terraces, or among rock work, the Balcony Petunias may be depended upon to supply an unsurpassed floral effect throughout the summer until frost. Balcony Petunias grow vigorously and are most profuse bloomers. The flowers are quite large—close to 3 inches in diameter.

382. BALCONY BLUE.—The flowers open up as a rich purplish blue, turning more reddish as they age. Pkt., 20 cts.

383. BALCONY WHITE.—A magnificent pure white. The flowers are not only very large, but are borne abundantly, blooming until frost. Pkt., 20 cts.

884. BALCONY ROSE.—Bright rose flowers with white throats. A profuse and continuous bloomer which grows quickly and luxuriantly. Pkt., 20 cts.

903. Poppy. "Sunbeam."—(Hardy Perennial) In color they resemble the well-known Iceland Poppy, but in length and strength of stem, size of flower, robust habit, they are so far in advance as to justify their being considered a new type. Flowering from May to October makes them an ideal plant either for the hardy border or bedding work, while for cut flower purposes we predict they will, when known, be used as universally as the Sweet Pea was some years ago. Pkt., 25 cts.

NEW VARIETIES OF GIANT SPENCER SWEET PEAS

1048. Hawlmark Lavender.—There is nothing quite so pure in lavenders as this splendid novelty. The color is difficult to describe accurately, as it is more pure in tone than what may be called the French gray-lavenders, being more a sky-gray. It is, however, a true, clear light lavender. The flowers are of the largest size; easily the best of its class. Pkt., 25 cts.

1065. Picture.—Its size is such that the term enormous may be used with full justification, but it has more than size to its credit, for its form is superb. The color may be described as a flesh-pink with a rosy flush, the whole being fascinatingly suffused and shaded with creamy apricot—a most delightful and altogether enchanting color. Stems have been cut as long as 22 inches. Four blooms to the stem are about the minimum, six being frequent, and occasionally as many as seven blooms have been carried on a stem. Pkt., 25 cts.

1051. Elegance.—An extremely delicate colour as the name implies, being a soft pure silvery pink on cream ground. A splendid variety for exhibition or table decoration. Strong grower, producing fours in abundance on long, stout stems. Pkt., 25 cts.

1066. Tangarine Improved.—A splendid new orange variety, which grows very strong and blooms profusely four-blossomed sprays. If shaded from the hot, mid-day sun, it is a real picture and certainly the finest orange yet out. Pkt., 25 cts.

1052. Hebe.—Delicate and beautiful in color, robust and free in growth and habit; this charming new Sweet Pea is destined to become a general favorite with all growers. The flowers of immense size, are borne freely on four-flowered sprays. The color is a magnificent soft pink self. The standard frequently measures two and one-half inches in diameter. Is unsurpassed for cutting or exhibition purposes. Pkt., 25 cts.

1070. Dobbie's Blue Picotee.—An extremely dainty and attractive variety, the color being particularly pleasing. The fine large and charmingly waved flowers are edged violet blue on a pure white ground. Of fine habit and most floriferous. The blooms, usually in fours are carried on strong stiff stems. Pkt., 25 cts.

1053. Commander Godsall.—There is nothing finer in the dark blue section than Commander Godsall. The color is a unique and lovely rich royal blue, a color which is so popular in this charming flower. The flowers are very large and of good substance. They are well placed on the long stout stems, usually borne in fours, while the standard and wings are daintily waved or frilled. Sturdy, vigorous, and extremely free. A decided improvement on the variety Jack Cornwall, V.C. Pkt., 25 cts.

1057. Mrs. Tom Jones.—A large flower of great substance, beautifully waved and well placed on long, stout stems. Four-blossomed sprays predominate, with an occasional five. The colour is bright delphinium blue. In the early stages there is a mauve tint in the standard, which deepens to amethyst blue as the flower develops. It is a most attractive and fascinating colour, and is the finest blue pea to date. Pkt., 15 cts.; oz., 90c.

1058. Royal Scot.—This is the last word in scarlets, quite equalling in brilliance a soldier's tunic. It does not fade or burn in the hottest sunshine. The plant is very strong growing and produces a profusion of stems, carrying four, and an occasional five, nicely placed and beautifully waved flowers. No collection is complete without this one. Pkt., 15 cts.; oz., 90c.

New Varieties of Early Flowering GIANT SPENCER SWEET PEAS

1155. Early Grenadier. This is the most brilliant Sweet Pea yet introduced. A true early, everblooming type, of robust habit. The color may best be described as a glowing poppy scarlet; synonymous with our late flowering variety, "The Cardinal." All in all, it is a wonderful addition to the new group of Early Flowering Spencers. Pkt., 25 cts.; oz., \$1.25.

Grenadier was awarded a Certificate of Merit by the Commercial Flower Growers of Chicago, April 20th, 1922.

1149. Fair Maid. This is the finest blush pink Early Spencer Sweet Pea to date. It is the result of a cross with Elfrida Pearson and is an exact counter part of that very popular standard Spencer. This colour has been needed in the Early class for several years. It is a Blush Pink suffused salmon on a white ground, of robust growth, with long stems carrying fours regularly. As Elfrida Pearson still remains the best of its class in the late or Standard Spencers so will Fair Maid take its place in the Early class. Pkt., 25 cts.; oz., \$1.00.

1156. All White.—This is an Early King White and comparison in 1920 with all other white seeded varieties proved this to be without doubt the finest White Sweet Pea to date. It is the result of a cross with the Standard King White. It produces four gigantic blooms on exceedingly long stems. Pkt., 25 cts.; oz., \$1.00.

1148. Irene. This is an Early Lavender George Herbert or Florence Nightingale, and it is a very fine bluish lavender and is especially recommended to all who prefer a clear lavender without mauve in it. It is the result of a cross on the Standard Lavender George Herbert. Pkt., 25 cts. oz., \$1.00.

NEW ZINNIA "DAHLIA FLOWERED"

The plants of this new race are very sturdy and produce many flowers with stout stems. In formation the broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other. The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. In general appearance, the flowers compare with the Show Dahlias. This year we are offering ten distinct shades, which we believe will please the most critical eye, and tend still further to increase the popularity of this remarkable flower.

1345. EXQUISITE.—By far the most pleasing of our collection. Truly DAHLIA flowered as regards form and size. Color light rose with center a deep rose. (Tyrian Rose). Pkt., 20 cts.

1346. ILLUMINATION.—Similar to Exquisite, but a striking self color of deep rose. (Tyrian Rose). Pkt., 20 cts.

1347. GOLDEN STATE.—A very rich orange yellow (Cadmium). Yellow in the bud, turning to an attractive orange, when in full bloom. Pkt., 20 cts.

1348. CRIMSON MONARCH.—By far the largest and best of the red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. Pkt., 20 cts.

1349. SCARLET FLAME.—A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bicolor. Pkt., 20 cts.

1350. METEOR.—A rich, glowing deep red (Spinel Red) and the darkest of all of the red shades. Fine form, with good depth of petal. Very large and more floriferous than other reds. Pkt., 20 cts.

1351. ORIOLE.—We consider this the most beautiful of its class. It is an immense orange and gold bicolor changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. Our cultures are limited, and we can offer Oriole in small quantities only this year. Pkt., 20 cts.

1352. SUNRISE.—A combination of pleasing apricot shades, changing to buff as it ages. Large flowers of good form. This would be an addition to any collection. Pkt., 20 cts.

1353. DREAM.—A fine, deep lavender, turning to purple (Mal-low Purple) a new, desirable shade in Zinnias. Pkt., 20 cts.

1354. POLAR BEAR.—A very large pure white, the best white yet seen in Zinnias. True Dahlia form. Pkt., 20 cts.

1355. One packet each of the above 10 varieties, \$1.60.



Dahlia-Flowered
Zinnia

NEW GIANT ZINNIAS

1365. SHRIMP PINK.—A new shade in Zinnias, a clear light pink, very double, strong vigorous grower. Pkt., 20 cts.

1366. APRICOT YELLOW.—Flowers large and double, of a very pleasing and distinct shade of yellow. Pkt., 20 cts.

1367. BRIGHT ROSE.—Very pleasing shade. Pkt., 20 cts.

1368. ORANGE AND GOLD.—Very attractive. Pkt., 20c.

1369. ROSE QUEEN.—Tyrian rose, with deep rose-red center, beautiful. Pkt., 20 cts.

1370. BUTTERCUP.—Buttercup is identical with the other Giant Zinnias, color, pleasing deep primrose, which holds its color in bright sunshine. Pkt., 20 cts.

One packet each of the above 6 varieties, \$1.00.

NEW RUGOSA HYBRID ROSE

F. J. GROOTENDORST.—This is a new type of Rose which might properly be called a Rugosa Baby Rambler, it being a cross between Rugosa and the crimson Baby Rambler. Imagine a shrub-like Rugosa Rose covered with trusses of crimson Baby Rambler Roses and you will have a fair conception of this new hybrid variety. It is not a Rose that you want to plant in with your bed of Hybrid-Tea or Hybrid Perpetual Roses, but is valuable to plant as an isolated specimen or in a mass in a bed in an exposed position or among shrubs in the shrubby border or use it for an everblooming hedge for which purpose it is admirably adapted. It is absolutely hardy and continues in bloom until late in the fall. Strong two-year-old plants, 80 cts. each; \$7.50 per doz.

The New Montreal Melon "OKA"

We need hardly digress on the subject of Montreal Melon; their quality has earned for them a continental favor. What we wish to say is that we have a new variety of Montreal Melon, which has been named "OKA." It is vastly superior to the present strain of Montreal Melon.

The "OKA" Melon was originated by the Reverend Father Athanase, who is one of our leading horticulturists and is closely associated with many advances in the field of Canadian Horticulture.

The "OKA" Melon is the result of several years patient and intelligent selection from the product of Montreal Market, crossed with a red-fleshed variety, this has resulted in the most delicious, sweet, and juicy melon we have ever tasted. It is of strong habit, a fine setter, bearing good-sized fruit up to ten pounds. The color is a beautiful cream, with a bright salmon flesh that is very thick and well netted.

Hundreds of testimonials from Customers who grew it for the first time last year and are wildly enthusiastic about it.

"OKA" MELON

is a sterling novelty and it is going to make a greater name for itself than its predecessors. Pkt., 25cts.

SWEET CORN. "Ferguson's Golden Giant."

Grows faster, matures earlier, and is three times as large as the well-known Golden Bantam Sweet Corn, but as all the good qualities of that variety. "Golden Giant" is the result of fourteen years patient and intelligent selection from the product of Howling Mob crossed with Golden Bantam, and is the sweetest, most tender and juicy of all varieties. Two or three ears are produced to the stalk and the cob is of small diameter, carrying twelve to eighteen rows of long thick grains, which are of a deep orange color and fill the entire surface of the cob. Pkt., 10cts.; 1/4 lb., 25cts.; 1/2 lb., 40 cts., lb., 70 cts.; (post paid, pkt., 10cts.; 1/4 lb., 30cts.; 1/2 lb., 45cts.; lb., 80 cts.)

PEA. "Admiral Beatty".—Novelty 1920. (Laxton). This new second early Pea, introduced last season, has proved to be one of the finest of Messrs. Laxton Bros. raising, and can be strongly recommended. It is a cross between Gradus and Alderman, and is intermediate between its parents, both in habit and in season, being ready about 10 days after Gradus. It is a good cropper and the pods are very long, slightly curved and pointed, with 9

or 10 peas in each. The peas are a beautiful bright green colour and of finest flavour. Height, 3 1/2 to 4 ft. We consider this a most useful type of Pea for private or market gardening purposes, having made a thorough test in our trials. Pkt., 10 cts. 1/4 lb., 25cts.; 1/2 lb., 40 cts.; lb., 70 cts. (post paid, pkt., 15 cts. 1/4 lb., 35 cts.; 1/2 lb., 55 cts.; lb., 95 cts.)

NEW EARLY DWARF PEA. "Laxton's Progress."

The raisers describe this fine Novelty as follows: "The finest new early dwarf we have yet raised. Height, 18 inches to 2 feet. This Pea is earlier than Laxtonian, Pioneer or others of similar type; a fully wrinkled marrow, containing on the average nine to ten peas in a pod. Most of the straws average eight to nine pods per straw. Both the haulm and the pods are exceptionally dark green in color, and the Peas when ripe are very large and fully wrinkled. The flavour is very good. We cannot too strongly recommend this Pea to all growers for market, and when known it will displace all the early dwarf Peas now in commerce. Pkt., 15 cts.; 1/4 lb., 50 cts.; 1/2 lb., 75 cts."

NEW WHITE TOMATO "ALBINO"

This extraordinary novelty came as a sport, but comes absolutely true from seed now. The fruit is quite large, averaging nearly three-quarters of a pound each. Its color is absolutely white clear through; is most valuable for table use, and as it contains no acid it will become very popular, for thousands of people do not care to eat tomatoes on account of the acid. The flesh is solid and firm, and on this account makes a splendid shipper. No garden will be complete without this valuable addition. Per pkt., 20 cts.

New Raspberry. "Newman."

(Introduced by Mr. C. P. Newman, of Lasalle). This Raspberry is a cross between the Eaton and the King, but it is hardier, more vigorous and productive than either of its parents. It ripens about the same time as Herbert and makes a long season, ripening all its berries of good average size. Another important feature about the Newman berry is that it will bear more prolific than other varieties the second year. The cane is medium in length, quite thick and very vigorous and healthy and has stood the last nine winters uninjured without laying down. The berry is quite large, of a very beautiful deep red color and quite firm, making it a good shipper. It is sweet, of fair quality and a fine canner. Mr. Newman had over six acres of this variety in full bearing this last season and some of the beds have produced at the rate of 6,000 boxes to the acre with ordinary field cultivation. He has found it during the last 5 years to produce more and sell better than any of the standard varieties he has. It has been sent to several Experimental Farms and all endorse it as the best market Raspberry for profit now known for the Province of Quebec. Doz., \$3.50; 25, \$6.00; 100, \$15.00.

RADISH. "Giant Butter."

This new giant radish develops quickly to more than double the size of other varieties without getting pithy or hollow; and the roots are firm, crisp, of the mildest flavor and of a most beautiful crimson color. Can be used for forcing under glass as well as for growing outside in the garden, and will make fine Radishes even during the hot summer months. Pkt., 10 cts.; oz., 25 cts.; 1/4 lb., 75 cts.; lb., \$2.50.



Radish Giant Butter.



FERGUSON'S EVERGREEN LAWN GRASS

THE MOST BEAUTIFUL LAWNS IN CANADA ARE MADE WITH FERGUSON'S EVERGREEN LAWN GRASS SEED.—It is prepared from our own formula and is a careful blending of fine-leaved, dwarf grasses, adapted to our climate and to producing a closely interwoven turf that maintains from year to year a covering of enduring green.

QUANTITY TO SOW. — One pound of our Lawn grass seed will sow 15 x 20 feet, or 300 square feet. 100 pounds should be sown to the acre. *larger quantity* gives the best results. For renovating use one-half of this quantity.

In constructing a new Lawn the ground should be thoroughly well dug, and if poor, enriched by a supply of manure. After this it should be made perfectly level, and the stones raked off the surface. A good heavy roller should then be run over it both ways. Price per lb., 60 cts.; post paid, 70 cts.; 10-lb. lots 55 cts.; 25 to 50 lbs. lots 53 cts per lb.; over 50 lbs., 50c. per lb. Special quotations for large quantities.

FERGUSON'S SHADY PLACE GRASS.—This is a mixture of extra fine grasses adapted for growing in the shade and under the trees. We recommend the use of this mixture wherever other grasses have failed to make a close sward. Per lb., 80c.; post paid 90c.; 10-lb. lots 75c. per lb. Special quotations for large quantities.

FERGUSON'S "GOLF LINKS" MIXTURE.—We have supplied several Clubs with this Mixture, which is the result of a careful study of the requirements for making beautiful Golf Links, Tennis Courts, Cricket Tables, Polo Grounds, and we do not hesitate to say that it has given entire satisfaction. Per lb., 60c.; post paid 70c. Special quotations for large quantities.

FERGUSON'S "PUTTING GREEN" MIXTURE.—The very finest low growing Grasses are contained in this Mixture, and very hardy. This Mixture will produce a beautiful and lasting green turf wherever used, calculated to withstand hard tear and wear. Per lb., 75c.; post paid 85c. Special quotations for large quantities.

FERGUSON'S "TERRACE MIXTURE".—A mixture of strong deep-rooted Grasses for "banks" or terraces." Although the Grasses are strong and deep-rooted, they will produce a fine green velvety appearance, and also prevent washing away during heavy rains. Per lb., 70c.; postpaid 80c. Special quotations for large quantities.

WHITE CLOVER.—Choicest reclaimed for sowing on lawns. Sow 10 to 12 lbs. per acre. Price, per lb., 75c.; post paid, 85c.; Special quotations for large quantities.

BEST PLANT FOOD FOR LAWNS, FLOWERS, VEGETABLES, HOUSE PLANTS, ETC.—("Natural Guano" Pulverized Sheep Manure).—This is without exception the very best dressing for lawns. It is quick and lasting in its effects and produces a thick velvety sward which will withstand both the winter cold and summer heat. It is the only manure that is absolutely free from weed seeds. It contains no dirt, straw, leaves or bedding of any kind, being secured from the cemented floors of the Chicago stock yards. It is three times stronger than cow manure. It is also unequalled for the vegetable garden, flower garden, house plants, trees, hothouse, etc. It is also dissolved in water and used as a liquid to nourish all kinds of growing plants. Be sure to give it a trial. 5 lbs., 40 cts.; 10 lbs., 75 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50. Larger quantities on application.



DUPUY & FERGUSON'S QUALITY VEGETABLE SEEDS

SEEDS BY MAIL

All seeds forwarded by mail or express are sent free of charge to all Canadian points at Catalogue prices, except Beans, Corn, Mushroom Spawn, Onion Sets, Potatoes, Peas, Rape, Field Grain, Clover and Grass Seeds; when such are to be mailed, postage must be added at the rate of 5 cents per $\frac{1}{4}$ lb.; 6 cts. per $\frac{1}{2}$ lb.; 10 cts. per lb.; and for each additional pound 8 cts. per lb. extra within the Dominion of Canada and 16 cts. per pound to Newfoundland and the United States.

ARTICHOKE

A most delicious vegetable, rapidly gaining in popularity. The heads are usually boiled, and the bottom of each scale eaten with butter and salt. In France they are more frequently baked with a dressing of fresh butter, forming a most savory dish.

In February or March sow and transplant in hotbed so as to give plenty of room until danger of frost is over. Then set in very rich, well-drained soil in rows four feet apart and two feet apart in the row. The plants can be raised in seed beds out of doors, but in that case will not be likely to produce heads the first year. Late in the fall cut off the old tops and thoroughly protect the crowns with leaves or straw to prevent severe freezing.

EARLY PURPLE, or VIOLET.—Pkt., 10 cts.; oz., \$1.20.

GREEN GLOBE.—The standard sort. Pkt., 10 cts.; oz., \$1.20

Jerusalem. Distinct from the Globe, and propagated by and for its tubers. Used for the table and extremely valuable food for hogs. Artichokes need planting but once and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn; they will come up thickly all over the surface. Run through each way with a cultivator when a few inches high.

Those wishing to purchase should place orders very early, to be shipped as soon as favorable weather arrives. 150 lbs. sufficient for one acre. 5 lbs., 50 cts.; 10 lbs., 75 cts.; 25 lbs., \$1.35; 50 lbs., \$2.50 (Post paid, lb., 30 cts.)

ASPARAGUS

One ounce of seed sows 60 feet of drill, 5 pounds sows one acre.

Giant Early Argenteuil. The seed we offer is genuine imported French Argenteuil seed and will give better results than that grown in America, which is of doubtful purity. Argenteuil is about twice the size of anything now on the market. It is a prolific long-lived sort. Per pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.60.

CONOVER'S COLOSSAL.—Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

PALMETTO.—Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

COLUMBIAN MAMMOTH WHITE.—Large white stalks, very tender. Pkt., 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb., 50 cts.

ASPARAGUS ROOTS

Dig trenches about 15 inches wide and about 18 inches deep and set the roots about 18 inches apart in the row, keeping the rows 3 feet apart. Be sure to spread the roots carefully. It is best to put about 3 or 4 inches of well-rotted manure in the bottom of the trench; cover this with 2 or 3 inches of soil and place the roots on top of this soil, then cover them firmly with about 3 inches of soil. A liberal dressing of manure in the fall, good cultivation, and a spring dressing of truck manure (1,500 lbs. to the acre) and nitrate of soda (200 lbs. to the acre) will be sure to give good results.

Argenteuil. Strong freshly-dug three-year old roots. \$2.50 per 100.

OTHER VARIETIES.—\$2.00 per 100.

(If wanted by Post, add 50 cts. per 100)

BORECOLE OR KALE

Sow in May in rich light soil in rows two or three feet apart and where plants of the largest size are desired, thin to two feet apart in row. It is better not to cut or handle the plants while frozen, but if this is unavoidable, thaw them out in cold water. The young shoots which start up in the spring from the old stumps are very tender and make excellent greens.

Dobbie's Selected. This is a most excellent variety. It grows about twenty-four inches high, and produces medium size compact heads of leaves that are exquisitely crisped and curled, and have a comparatively small mid-rib. Per pkt., 25 cts.

DWARF GREEN CURLED SCOTCH.—Very hardy, one of the best. Per pkt., 10 cts.; oz., 50 cts.

TALL GREEN CURLED SCOTCH.—Pkt., 10 cts.; oz., 50 cts.



Giant Argenteuil Asparagus

BROAD WINDSOR BEANS

An English variety, used as a Shell Bean. Should be planted as soon as possible after the ground is opened; plant in drills two and a half feet apart, and three inches in the drills; when they are in full bloom and the lower pods set, pinch off the tops; this will insure the filling of the pods, and hasten maturity. A strong, heavy soil suits them best.

Ferguson's Mammoth. The longest Podded Windsor Bean in existence, and the finest for exhibition. The pods of this superb strain often contain as many as 4 and 5 gigantic beans. A grand selection. Per pkt., 10 cts.; $\frac{1}{4}$ lb., 18 cts.; 1 lb., 55 cts. (Post paid, $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.)



New French Stringless

Currie's Rust Proof Wax. This is one of the early, maturing Wax Beans; usually rust-proof. The vines are vigorous, hardy and productive; pods are light yellow, oval-flat, $5\frac{1}{2}$ to 6 inches long. One of our standard market-gardeners' sorts. $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.)

Burpee's New Kidney Wax. More robust in growth and more prolific than the popular Wardwell's Kidney Wax, with longer pods, which are even more handsome in appearance, entirely stringless, more fleshy and of much finer quality. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

Stringless Refugee Wax. This variety is an improved type of the Refugee Wax, to which it is far superior. The plants are of very robust growth and extremely productive, bearing an abundant crop of large, rich, golden-yellow pods, which usually contain five beans each and are fit for table use at nearly all stages of their growth. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

Davis Kidney Wax. Plant vigorous, and of compact upright growth, with pods extra long, straight, oval, of a clear, waxy, white color, often seven to eight inches in length. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

WARDWELL'S KIDNEY WAX.—One of the best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

BEANS

Plant in rows two feet apart, dropping the beans three inches apart and covering two inches. They thrive upon light soils, which should be carefully prepared and manured lightly. Being tender, they should not be planted until frosts are passed, as warm soil is needed for their germination. For succession make plantings every two weeks until end of July. One pound will plant 50 feet of drill. One and one-half bushels will plant one acre.

DWARF BUTTER OR WAX SORTS

Ferguson's Brittle Wax.

Without a doubt the earliest of all Wax Beans; also a great cropper. The bushes are remarkably hardy and extremely prolific, while the pods are fleshy and entirely stringless, often measuring $4\frac{1}{2}$ to 6 inches long. They are broad and solid, tender, brittle and entirely stringless at all stages of growth. The pods have white seeds showing only a small black dot at the eye and where a surplus is allowed to ripen fully they make excellent shell Beans. $\frac{1}{2}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

Ferguson's Improved Golden Wax.

The Standard Flat, Wax-podded Variety.

Among the Yellow Wax-podded or "Butter" Beans, the Golden Wax has long been in popular favor, but this improved variety by far surpasses the old favorite in several desirable points. The plants are of vigorous, bushy growth, not susceptible to rust, moderately early, and very prolific. The pods are exceedingly handsome, long, uniformly broad, thick and remarkably fleshy, of good quality, tender and brittle, absolutely without string or coarse fibre at all stages until maturity, while the color is of a rich golden-yellow. Although not the earliest Dwarf Wax Bean, its reliability in producing a heavy crop of large, handsome pods, whether planted in spring or summer, renders it highly valuable for both home and market planting. $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.)

Sure-Crop Stringless Wax.

A valuable new variety of Dwarf Wax Bean, which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant, pod and bean, but is entirely different in quality, as it is stringless and tender at all stages of its development. Plant is strong and holds pods well off the ground and will stand long seasons of wet weather. It is very productive, and bears the large golden-yellow pods in great abundance, and because of its being very hardy the seed may be planted early. Pkt., 10 cts.; $\frac{1}{4}$ lb., 18 cts.; lb., 55 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.)

BURPEE'S WHITE WAX.—The plants are exceedingly vigorous, enormously productive of long, handsome, stringless pods; very solid and full of meat; crisp, brittle and free from rust; clear light waxy yellow-colored pods; unequalled either for the table or for market use. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

HORTICULTURAL WAX.—One of the best for market gardeners; it does not rust; pods are always clear, waxy yellow. Must be picked quite young as pods become somewhat stringy as they mature. $\frac{1}{4}$ lb., 18 cts.; lb., 55 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 23 cts.; lb., 65 cts.)

HODSON WAX.—The plant is vigorous in growth and comes into crop about two weeks later than the early sorts. The pods of this variety often measure 7 to 8 inches in length and are remarkably free from spot or rust, and for flavor is unsurpassed. $\frac{1}{4}$ lb., 18 cts.; lb., 55 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 23 cts.; lb., 65 cts.)



POLE OR RUNNING BEANS

CULTURE.—After settled warm weather, set poles 4 to 8 feet long in rows north and south four feet apart, the poles being three feet apart in the row, and set leaning to the north at an angle of 5 degrees. Set in this way, the vines climb better, bear earlier, and the pods are straighter and more easily seen. Around each hill plant from 5 to 8 beans, 2 inches deep. When well started, thin to four plants. Any that fail to climb around the poles should be started by hand in the same direction as the other vines are going.

Sutton's Prize Winner. This is doubtless the finest of the Runner Beans, being of wonderfully strong growth, and a most prolific cropper. Its handsome long straight pods, 16 to 17 inches long, are of the finest quality, whilst for exhibition they are unrivalled. Awarded a First-Class Certificate by the Royal Horticultural Society. Pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 75 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.)

Canadian Asparagus. A very productive and vigorous-growing variety, producing long green pods which sometimes measure 20 inches in length. When young, the pods are very fleshy, and of delicate, agreeable flavour, resembling some-what that of the Asparagus. They are produced in great abundance throughout the season. Pkt., 10 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 75 cts. (Post paid, lb., 85 cts.)

IMPROVED KENTUCKY WONDER (Green pod).—A very popular variety. Pods green, very long and flat and perfectly stringless. Enormously productive and the earliest of the green-podded varieties. $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.)

DREER'S GOLDEN CLUSTER (Yellow pod).—Bears long golden-yellow pods in clusters of 3 to 6 from bottom to top of pole and continues in bearing from the middle of July till the vines are cut down by frost. $\frac{1}{4}$ lb. 20 cts.; lb., 65 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.)

SCARLET RUNNER BEANS.—Mainly cultivated for their flowers, but the pods are also used as culinary vegetable. Per pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.)

WHITE DUTCH RUNNER BEANS.—Similar to Scarlet, excepting seeds and flowers, which are white. Pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.)

BEANS—Continued

DWARF GREEN PODDED VARIETIES

BEANS, Ferguson's Canadian Wonder. This excellent dwarf, green-podded Bean, which has been specially selected, is remarkably prolific, and of dwarf, compact habit; the pods are of beautiful shape, great length and of superior flavour. Suitable either for forcing, for general crop or for exhibition. We have known our selection being awarded the first place in a competition of 40 lots. Pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 70 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.)

Sutton's Masterpiece. This handsome variety has a distinct and unique appearance whilst growing; it is early and prolific, and suited for either forcing purposes or outdoor culture. The pods are bright green in color, long, straight, and exceedingly tender and delicate in flavor. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 65 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 45 cts.; lb., 75 cts.)

Keeney's Stringless Refugee. The originator of this new strain of Green pod Refugee has been working for more than twenty years to get the string out of the old Thousand-to-one Refugee Bean, and has succeeded in eliminating it entirely, having produced a Stringless Refugee. The plant grows to a large size and is enormously productive, one plant having borne 56 well-developed pods. The shape of pod is round, size medium to long, slightly curved, medium green in colour and very brittle, remaining so until nearly old enough to shell. $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 55 cts.)

New French Stringless. Retains its delicate tenderness even when a little old. In France, it has superseded nearly all other sorts on account of its deliciousness. It cannot be recommended too highly for the local market gardener or shipper, for it simply sells on sight. It is a true, stringless flat pod bean, surpassing many varieties for productiveness, the yield being simply prodigious. The pod is of medium length, in colour a very attractive light green, and is unequalled by any other sort for tenderness and fine flavor. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

Burpee's Stringless Green Pod. One of the earliest and best of the stringless varieties. Pods very large, thick and straight. A fine, vigorous grower and very productive. Unsurpassed for the home garden where earliness and superior quality are desired. $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 18 cts.; lb., 55 cts.)

HENDERSON'S BOUNTIFUL.—The pods are of a rich green colour, thick, long and very uniform. An immense cropper and perfectly stringless. $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 18 cts.; lb., 55 cts.)

EARLY RED VALENTINE.—Ready for picking in 45 days from planting. Yields prodigiously. Full, round, meaty pods of unsurpassed tenderness and quality. $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts. (Post paid, pkt., 10 c.; $\frac{1}{4}$ lb., 18 cts.; lb., 55 cts.)

EARLY REFUGEE, or a THOUSAND-TO-ONE.—An excellent early snap bean, and for use as pickles. $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 18 cts.; lb., 55 cts.)

BURPEE'S BUSH LIMA.—An immense yielder, each bush bearing from fifty to two hundred pods, filled with beans which are identical in size and luscious flavor to the well-known pole Limas. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.)

Sutton's Prize Winner
Pole Beans.



BRUSSELS SPROUTS

Sow seed in April, transplant and cultivate same as cabbage.

One ounce of seed produces about 1,500 plants.

Dobbie's Selected.

This strain has been carefully grown for years, and as an exhibition variety, it is one of the best. Per pkt., 25 cts.

Amager Market.

The plants are of a strong growth about three feet high. The stalks are large, thick, and close jointed, and the sprouts set quite thickly and evenly on the stalk. We recommend this strain especially for market garden use. Pkt., 10 cts.; oz., 75c.

IMPROVED DWARF.—Extra fine. Per pkt., 10 cts.; oz., 60 c.

IMPROVED HALF-DWARF. The very best and a sure strain. Per pkt., 10 cts.; oz., 60 cts.

BEET

The best soil is a light sandy loam, having been previously enriched with well-rotted manure. If the Beets are wanted extremely early, sow in hotbeds and transplant, cutting off the outer leaves. For early use, sow in rows at intervals of two weeks from the time the ground is fit to work in spring, up to July. The rows should be 12 inches apart and the seed sown thinly and covered firmly with 1 inch of soil. When the plants attain three or four leaves, thin them out to stand 3 or 4 inches in the row.

Dark Red Beet
Ferguson's Improved



ROUND OR TURNIP VARIETIES

Dobbie's Selected Globe

A good Turnip-rooted class of perfect form, good colour, and excellent quality; fine for exhibition. Pkt., 10 cts.; oz., 40 cts.

Ferguson's Improved

Dark Red. This is the best variety of round Beet in cultivation.

In this Beet we offer our customers a decided novelty. It is as early as Eclipse, perfectly globe-shaped, with a single tap root, and of the richest colour of any of the beets.

It is a splendid keeper, is not excelled in yielding qualities by any other sort, is exceedingly tender, fine and sweet and is unequalled for table use.

Market gardeners will find our Improved Dark Red a very profitable variety to grow, as no other sort approaches it in attractiveness. Exposed on the market by the side of other beets, it at once catches the eye of the customer and completely dwarfs in appearance all other sorts. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Ferguson's Dark-Leaved Globe.

Hitherto, the improved selections of turnip-rooted Beet have been wanting in that important essential, a dark leaf. The novelty we offer has not only a dark leaf like the best decorative strains, but is equal in colour to the darkest fleshed round Beet. These two important features, coupled with its handsome form, place this variety in the front rank of this class of Beet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.

Early Model. This variety will be highly appreciated both for forcing and growing outside. The shape is nearly round, and colour of flesh a rich deep red. The quality is most excellent, being sweet, tender, and free from coarseness. The tops are quite small, making it a fine variety for forcing in hot-bed. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Crosby's Egyptian.

An improvement on Extra Early Egyptian, being as early but of more desirable shape, colour and quality. It is very sweet and tender; a most valuable sort for early market as it is ready before any other beet of equal quality. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., \$1.65.



Detroit
Half
Long
Beet

Crimson Globe. A splendid variety of medium size, very handsome, with small top and small tap root, flesh deep crimson, tender and delicious. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., \$2.00.

DETROIT DARK RED. — Roots globular; smooth with small tops; skin blood red; flesh dark red, zoned with a lighter shade; tender and sweet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., \$2.00.

EGYPTIAN. — Very early and of dark blood colour; rather flat in shape. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., \$2.00.

ECLIPSE. — Very early, dark-red colour. Small top, smooth roots. Per pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.35.

HALF-LONG AND LONG VARIETIES

Ferguson's Perfection.

We believe this is the very best half long beet that we ever saw. Roots very dark colored, smooth, uniform, very sweet, and of the best flavor. A splendid exhibition variety or good for the home table. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Detroit Half-Long Blood.

One of the best for winter use. Roots only half as long as the Long Blood, but weigh as much on account of their thickness. Always smooth; their rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in the exposed portions. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.

CHELTENHAM (Green Leaved). — A superb culinary Beet; medium length, smooth, well-shaped root; flesh rich deep crimson colour. Cooks tender, and is of splendid quality and flavour. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

COOPER'S MARKET KING. — The perfection of a half long dark red Beet for market growers or for private use. It is a quick grower and also one of the best keeping sorts. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

LONG SMOOTH DARK BLOOD. — We have an exceptionally good quality of this sort. Per pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.35.

CABBAGE

The best results are obtained in cool, moist climates, and in a well drained, heavy loam soil. Early Cabbage is sown in hotbeds or in the house in February or March. Late Cabbage, beginning of May. The early varieties include pointed, round, and flat heads. The winter varieties are either round or flat. The pointed mature very quickly, but are not good keepers. One ounce will produce about 1800 plants. Sow one ounce to 300 feet of drill. Two ounces sown in the hotbed will give sufficient plants to set out an acre; six ounces in the open seed-bed.

HOW TO DESTROY CABBAGE WORMS.

Take a Duster, nearly fill it with SLUG SHOT. Take the Duster in each hand and cover two heads at a time, give the Duster half a turn, this will let the fine powder fall over each cabbage head. SLUG SHOT is a certain destroyer of the Cabbage Worm.

Nothing is nastier than Worms in a head of Cabbage. A pretty white butterfly is seen hovering over field or garden; these lay small yellow eggs and very soon the little green worms begin eating and growing fast.

Copenhagen Market. Original Stock.

Absolutely the earliest and the very best round-headed Summer Cabbage grown. Only 3 or 4 days later than Early Wakefield. The plants are short stemmed, of compact, stocky growth and the saucer-shaped, rather small, tightly folded outer leaves enclose large solid ball-shaped heads of the very finest quality, smooth with fine veins and small core and averaging about 10 lbs. in weight. Can be planted close (21 inches apart) and will yield a greater cropper acre than any other Cabbage. In uniformity to type it is marvellous and its evenness in maturing is a great consideration to the Market Gardeners, entailing less labour in harvesting the crop and allowing them to clear the ground at one cutting. Pkt., 10 cts.; oz., 90 cts.; ¼ lb., \$2.75.

Early Jersey Wakefield (Improved.)

The finest oxheart type of early cabbage in existence. A great improvement over the regular strain. It produces uniform pointed heads, and should be sown by every private and market gardener. Pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.



Copenhagen Market Cabbage.

EARLY PARIS MARKET.—Of the Oxheart type, but ten days earlier. Forms a saleable head quickly and is a valuable sort for market gardeners. Per pkt., 15 cts.; oz., 85 cts.; ¼ lb., \$3.00.

EARLY FLAT PARISIAN, OR EARLY SPRING.—Is nearly as early as the Jersey Wakefield, but the heads are of the round flat type of Early Summer. The heads harden at an early stage of growth, so that they are really fit for use before fully matured. Pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.

EXPRESS.—Extra early, excels in earliness all others. For forcing can hardly be surpassed. Per pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.

EARLY ETAMPES.—Heads oblong and rounded at the top, very firm and solid. Per pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.

SECOND EARLY VARIETIES

Glory of Enkhuizen. A variety of recent introduction from Holland. It is a valuable sort on account of its earliness, large size and fine keeping quality. The heads are of nice size for market, weighing about 9 to 11 pounds each, globe-shaped and handsome dark green in colour. For an early sort the heads are unusually firm and solid. The leaves are fine-ribbed, tender and of excellent quality. The outer leaves set close, permitting planting of more heads to the acre, thus increasing the yield. This is not only valuable as an early variety, but as it grows large it may be profitably raised for main crop for fall use. With market gardeners this sort is sure to be popular because of its many valuable characteristics. Pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.25.

HENDERSON'S EARLY SUMMER.—A most popular and superior second early sort. Pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.

HENDERSON'S SUCCESSION.—An excellent second-early; on style of All Seasons. Pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.

FOTTLER'S IMPROVED BRUNSWICK.—Large, solid heads; fine for early or late. Pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.

RED VARIETES

New Danish Delectatessa. This new variety is the largest, hardest and most solid of all red varieties. It is of rich, deep colour of fine round form, sure to head and never cracks. Pkt., 10 cts.; oz., 90 cts.; ¼ lb., \$2.75.

MAMMOTH ROCK RED.—Heads large, deep red to centre; highly recommended. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

DRUMHEAD.—Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

SAVOY CABBAGE

These are by far the most delicately flavored of all Cabbages and, as such, deserve to be grown more extensively in the home-garden. This cultivation offers no particular problems, but it is well to sprinkle them regularly with Slug-Shot, since the worms are more than fond of Savoy, because of its superior quality.

Sutton's Best of All. A handsome variety, with large, curled, deep green heads, which comes into use earlier than other varieties. The flavor when boiled is exceptionally mild. Per pkt., 20 cts.

Large Aubervilliers. An extra large Drumhead Savoy with few outer leaves. Per pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

CABBAGE PLANTS.—(See page 30.)



Flat Swedish Cabbage.

CABBAGE - Continued

LATE VARIETIES

Ferguson's Danish Roundhead.—

We feel safe in saying that compared with the justly popular Cannon Ball, the New Round Head will average larger in size of heads and even hardier. Regular cannon balls in shape and hardness, while they are borne on shorter stems, being about a week earlier in maturity. It is without any doubt the best shipper and keeper of any. A head of it will weigh ½ more than other varieties of equal size. Genuine seed grown in Denmark. Per pkt., 10 cts.; oz., 80 cts.; ¼ lb., \$2.50.

DANISH CANNON BALL.—A favorite winter cabbage of Denmark. Heads are round, of good marketable size, hard and heavy, fine grained and long keepers. It will stand well through a dry season. Matures late. Pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.25.

New Flat Swedish Cabbage. This is a new late hard-heading cabbage from Sweden. The plant is of extra-strong growth, with large bluish-green leaves, and in good soil produces heads of enormous size. It has quite short stems, and its great solidity makes it a good winter keeper. Similar form but larger than Brunswick. Pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.25.

Henderson's Autumn King Cabbage.

It is often from 3 to 3½ feet in circumference, and weighs from 25 to 30 lbs. each. Interior crisp, close, fine grained, tender and white. Pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.

ST. DENIS DRUMHEAD.—A favorite winter variety; head large, and very solid. Per pkt., 10 cts.; oz., 70 cts.; ¼ lb., \$2.00.



Ferguson's Danish Roundhead Cabbage.

Chinese Celery Cabbage. This is a new cabbage imported from China. It resembles in growth Romaine or Cos lettuce. The leaves are large, have broad ribs and are exceedingly tender. The stalk or midribs are eaten like celery, while the leaves are served as a salad or else boiled. In either case, it makes a very delicious dish. This vegetable has become known in only the last two years, but its excellence has created for it a large demand. Sow late at same time as Turnips, as early planting runs quickly to seed in hot weather. Pkt., 10 cts.; oz., 60 cts.

CAULIFLOWER

1 ounce will produce about 3,000 plants.

For early crops sow in March in hot beds and transplant to the open ground as soon as danger of hard freezing is over. The plants will endure a light frost. The soil for cauliflower should be like that for cabbage; but it is better to be made richer than is ordinarily used for that crop. Give the plants thorough culture, and keep free from green worm by using Hammond's Slug Shot. For late crop sow at same time as for late cabbage, and treat in the same manner. It should be borne in mind that cauliflower will not head up well in hot, dry weather, and hence the sowing should be so regulated as to bring it in either in early summer or late fall. As the flowers form, gather the leaves together and tie them at the top, to prevent injury from sun and frost. Although nine-tenths of the cauliflowers grown in this country are produced without it, frequent and abundant watering is so beneficial that it pays well for the labor it costs.

Earliest Snowball (Forcing). One of the earliest heading varieties in cultivation, small leaved, of low growth. The finest of all varieties for forcing. Per pkt., 25 cts.; ¼ oz., \$1.50; oz. \$5.00

Ferguson's Selected Early Dwarf Erfurt Cauliflower.

We know of no better type of this variety, very early, smooth rounded head, fine grained, compact, even in size. While a first early, is better adapted generally to Fall use than the large late sorts so often grown for the purpose. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together from 18 to 21 inches. "Every plant," says our grower, "which did not produce a perfect head was discarded when selecting our stock plants for seed." Per pkt., 25 cts.; ¼ oz., \$1.50; oz. \$5.

Danish Dry Weather.

This new variety of cauliflower is a splendid strain for a dry season, as it will grow well and produce the finest heads in spite of the lack of moisture, which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt., 25 cts.; ¼ oz., \$1.50; oz., \$5.00.

EARLY DWARF ERFURT.—An early market variety, very productive, with large white compact heads of good quality. Pkt., 20 cts.; ¼ oz., 80 cts.; oz., \$2.50.

LARGE LATE LE NORMAND.—Short stemmed, produces very close and uniform heads; well protected by the foliage, hardy, and stands dry-weather. Per pkt., 10 cts.; ¼ oz., 75 cts.; oz., \$2.00.

EXTRA EARLY PARIS.—Good Cauliflower for either forcing or outdoor culture. Per pkt., 10 cts.; ¼ oz., 75 cts.; oz., \$2.00.

LARGE LATE ALGIERS.—An excellent favorite, late variety. Per pkt., 10 cts.; ¼ oz., 75 cts.; oz., \$2.00.

CAULIFLOWER PLANTS.—(See page 30.)



Ferguson's Selected Dwarf Erfurt Cauliflower.

GENTLEMEN.—I should like to say that we have found your seeds most satisfactory. I should like to mention especially the annual larkspur and Clarkia which were very fine and we grew them together. They made a most beautiful bed and were greatly admired.

Signed: Miss CARRIE E. HOLMAN, Summerside, P.E.I.

CARROT

Carrots are one of our leading specialties, and have been for the last Eighteen Years. They are unsurpassed. 1 ounce will sow 100 feet of drill. 4 lbs. for an acre.

It is best to sow early in the spring as the ground is fit to work, though good crops may be grown from sowings as late as June 15. Prepare the ground thoroughly and sow in drills 12 to 18 inches apart. It is necessary to sow Carrots quite thickly, on account of the young plants not having sufficient strength to come through the ground when sown thinly. Cover one-eighth to one-fourth inch deep and see to it that the soil is well firmed above the seed. Do not let the weeds get a start. Thin to 3 or 4 inches apart in the row.



French Market Carrot (Coreless).

New French Market (Coreless). —

This beautiful new and distinct French carrot in form is more handsome than Danvers. This, with its better colour, makes it much more attractive, never becoming ringed or rooty. It is also entirely free from core, the flesh being tender and sweet throughout. A very heavy cropper and a great keeper, holding its fine colour all through the winter, coming out of the pits as bright and fresh as when first dug. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Ferguson's Inimitable Forcing. The most suitable variety for forcing, and is quite distinct from all other carrots. The foliage is light and averages only six inches in height. The straight roots are usually handsome, of a bright orange-red colour, with a blunt end and very small tap-root. They are exceedingly uniform, growing about four inches long by one and a quarter inches in diameter. It is an ideal variety for forcing under glass and for early market grown in the open. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

Sutton's New Red Intermediate. —

A large and excellent variety of perfect form, colour light red, with very small core; sweet and mild in flavour. It grows much larger than James' Intermediate, and is highly recommended as the best for general purposes as well as for the exhibition table. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

Improved Danvers Half Long. —

The best for general crop. The most profitable for market gardeners, stump rooted. It is now grown largely everywhere on account of its great productiveness and adaptability to all classes of soils. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.; lb., \$2.20.

DANVERS SPECIAL STRAIN.—Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

EARLY SCARLET HORN (Stump rooted).—For forcing and early outside. Flesh deep orange, fine grained. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.

EARLY VERY SHORT SCARLET OR GOLDEN BALL.—French forcing, the earliest variety, almost as round as turnip radishes. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

EARLY GUERANDE HALF LONG.—Stump rooted, intermediate as to length between the French Horn and S. Nantes, but much thicker, attaining at the neck from 3 to 4 inches in diameter. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.

NANTES EARLY HALF LONG SCARLET.—Stump rooted, sweet, fine flavored; almost without a core; very fine grained; excellent for home garden or market. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.; lb., \$2.20.

NANTES, EXTRA SELECTED. — Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Chantenay or Early Model. —

One of the best for home or market. Deep red flesh, fine grained, sugary, excellent sort for table use; stump-rooted, always smooth, very early; productive. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.; lb., \$2.20.

Chantenay, Improved Strain. —

This has been selected especially for our trade, the seed being taken from the finest type which were selected for smoothness and uniformity. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Ferguson's Early Market. —

A valuable stump-rooted variety, early, and of very fine quality, adapted for either market gardening or private use. The roots, which attain an average length of about six inches, are straight, clean-growing, and of handsome appearance. We consider it the finest type of Market Carrot. The best for bunching. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

JAMES INTERMEDIATE OR HALF LONG SCARLET. —

One of the finest table carrots, being both tender and delicious. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.



Ferguson's Early Market Carrot.

ST. VALERY.—A desirable sort for private gardens, of rich orange colour and fine flavor. The roots grow very uniform and large. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.

LONG RED STUMP ROOTED.—This sort has but little core, which is a great acquisition in a table Carrot. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.

FOR FIELD VARIETIES, SEE AGRICULTURAL SEEDS.

CELERY

One ounce is sufficient for 600 feet of drill. One ounce sown in the seed flat gives 8000 to 10,000 plants; 2 ounces for 1 acre.

FERGUSON'S PARIS GOLDEN YELLOW Self-Blanching.

This grand Celery is of French origin. It has the demand above all other sorts because of its many superb qualities. It has the same self-blanching habit as White Plume, but is much heavier and more compact, though not so early. Grows to good size, is very tender and free from strings, the heart large and solid, crisp, brittle, of excellent quality and very beautiful.

Our stock is grown by the original introducers in France.

Pkt., 25 cts.; $\frac{1}{4}$ oz., 60 cts.; $\frac{1}{2}$ oz., \$1.00; oz., \$1.80.

Ferguson's Perfected White Plume.—

We offer a choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use. When reaching maturity the inner stalks turn white and require very little earthing up to blanch them. Pkt., 10 cts.; oz., \$1.00.

WHITE PLUME (Regular Strain).—Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

Sutton's A1 Red.—This is a carefully selected large variety; solid, crisp and possessing an excellent nutty flavour. Its shapely growth, bright color and elongated stalk make it very attractive. Pkt., 15 cts.; oz., 75 cts.

Giant Pascal.—For the market gardener this is the most profitable Celery for Fall or Winter use. This is a green-leaved variety, developed from the Paris Golden; it is somewhat larger and taller and its fine nutty flavor is free from any bitter taste. It grows about two feet high, and the stocks are broad, thick and crisp blanching with but slight earthing-up very quickly. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

EVAN'S TRIUMPH.—A splendid long keeper of extra fine flavor. Healthy, strong grower, crisp and tender. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

Winter Queen.—It is one of the very best late varieties. A strong grower, thick-ribbed, blanches a beautiful cream white. Ribs are solid, crisp and have a delicious nutty flavor. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

DWARF WHITE SOLID (Large Ribbed).—Solid, crisp and large, fair quality. A good keeper. Is as solid as Large Ribbed Kalamazoo. Per pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

CELERY SEED FOR FLAVORING.—Per pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb. 75 cts.

CELERIAC OR TURNIP ROOTED.—

A variety of celery with turnip-shaped roots, which are white-fleshed, tender and possess the flavor of celery stalks. Sow seed at the same season and give the same treatment as common celery. Pkt., 10 cts.; oz., 60 cts.

CELERY PLANTS.—(See page 30).



Paris Golden Yellow Celery

CONTROL OF CELERY BLIGHT

Recent demonstrations conducted by the New York State College of Agriculture in the Williamson (N.Y.) section have shown that five applications of Bordeaux mixture of the 5-5-50 strength have given excellent control of celery blight. The results of these tests were read in terms of the number of blight spots appearing per plant on the sprayed and unsprayed portions. On six farms the average number of spots per plant on the sprayed area was 63, while on the same farms unsprayed plants carried an average of 1,079 spots per plant. In other words, the spraying proved 94 per cent effective. According to the New York State College, spraying in the plant bed is desirable in sections where blight infestation is especially bad, and after setting in the field the plants should be sprayed once a week until at least five sprayings are given, the spray being applied at high pressure, so that every part of the foliage will be thoroughly coated with a fine spray. These results are in accordance with those obtained by the best celery growers of the northeastern section, who have found that spraying with the 5-5-50 Bordeaux mixture is effective in the control of blights.

In making up the 5-5-50 Bordeaux mixture, 5 pounds of copper sulphate is dissolved in 25 gallons of water; 5 pounds of fresh stone lime is slaked in a small quantity of water, then strained, and diluted to 25 gallons, and the two solutions of 25 gallons each are then poured together, thoroughly stirred, and used immediately. In order to get the bluestone or copper sulphate in solution it should be placed in a burlap bag and hung in the 25 gallons of water near the top several hours in advance of making up the Bordeaux mixture. If for any reason it is not convenient to dissolve it in this manner, it may be dissolved in 2 or 3 gallons of hot water and then diluted to 25 gallons. The copper-sulphate solution should always be handled in stoneware jars or wooden tubs or barrels, as it attacks metal containers.

SUGAR CORN

inches in the row and two and a half feet between the rows. One pound will plant about 100 hills, 10 pounds for an acre. Make succession sowings every 10 to 14 days up to July 1st.

CULTURE.—The sweet or sugar varieties, being liable to rot in cold or wet ground, should not be planted before the ground has become warm, in hills three feet apart each way and three or four grains in a hill, covering with 1 to 2 inches. The extra early varieties can be planted 16



Sugar Corn

Ferguson's New Early Malcolm.

The most wonderful Sweet Corn of the Age.

A distinct and valuable addition to the early sweet corns. It is very sweet, juicy and tender. In colour it is a rich cream white. It has the finest flavor and is the best tasting sweet corn of any of the so-called extra early varieties. It is extremely early and is ready to use from six to ten days sooner than any other sweet corn grown, and is larger than any of the earliest or medium-early varieties. The ears are of large size. Early Malcolm Sweet Corn is especially adapted for planting in Northern latitudes and in high altitudes where other varieties fail entirely. With all its strong points Early Malcolm will easily be a leader. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

Golden Bantam. This is an early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are eight rowed, six to seven inches long and of the medium size, found most suitable for the table. The flavor is exceptionally rich and delicious. Our stock of this splendid home garden and market variety has been very carefully selected and is decidedly superior to much that is offered. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

Howling-Mob. Is ready for use only three to five days later than the extra early Cory when both are planted at the same time, but the ears are so much larger in size, while the grains are so much whiter and sweeter that it should really be compared with the second-early Crosby's Twelve-Rowed and other varieties of a later season. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

Peep O'Day. The two points of this new corn are its earliness and sweetness. It is also very productive. The stalks, bearing from two to five ears each, are very dwarf, which admits of their being planted close together. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

HOLME'S PREMO 60-DAYS.—This is a very fine, very early Sugar Corn, hardy, early, and seed does not rot easily when planted early. The stalks grow about 5 feet high and mostly bear two well-developed ears to the stalk. It is of fine quality. A good early market sort, ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

EARLY CORY (Red Cob).—One of the very earliest and fine for a market variety. Medium size ears and red cob. ¼ lb., 15 cts.; lb., 40 cts. (Post paid, ¼ lb., 20 cts.; lb., 50 cts.)

CORY WHITE COB.—Similar to the preceding, with white kernels. ¼ lb., 15 cts.; lb., 40 cts. (Post paid, ¼ lb., 20 cts.; lb., 50 cts.)

Crosby. An old and popular variety twelve and sometimes fourteen rowed; grain thick and sweet; finest market sort. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts. (Post paid, ¼ lb., 20 cts.; lb., 50 cts.)

MEDIUM EARLY VARIETIES

Early Evergreen. A valuable sort, maturing a few days earlier than Stowell's. Ears nearly as large, about 7 inches long, 14 to 16 rowed; grains somewhat narrower than Stowell's; very productive and high quality. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

Kendell's Early Giant. Nearly as early as Crosby and produces ears 8 to 10 inches long, averaging 12 rows to the ear. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts. (Post paid, ¼ lb., 20 cts.; lb., 50 cts.)

BLACK MEXICAN.—Although the ripe grain is black, when in condition for the table is white, exceedingly sweet flavor. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts. (Post paid, ¼ lb., 20 cts.; lb., 50 cts.)

LATE VARIETIES.

Stowell's Evergreen. Recognized everywhere as the standard variety for market and home use. Remains longer in green state than any other sort. Very large ears, with deep grains and remarkably sweet. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

Country Gentleman. Valued for its richness of flavor and productiveness, having 3 to 4 good ears to the stalk, all extra large with exceedingly deep kernels. Pkt., 10 cts.; ¼ lb., 15 cts.; lb., 45 cts. (Post paid, ¼ lb., 20 cts.; lb., 55 cts.)

ZIG-ZAG EVERGREEN.—It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion. ¼ lb., 20 cts.; lb., 60 cts. (Post paid, ¼ lb., 25 cts.; lb., 70 cts.)

Pop-Corn. WHITE RICE.—Ears short, kernels long pointed, colour white, excellent flavor. Per lb., 20 cts. (Post paid, lb., 30 cts.)

For Field Corn, see Agricultural Seeds.

CUCUMBER

1 ounce will plant about 50 hills.
Two to three pounds to the acre.

For very early cucumbers, sow the 1st of April in a hot bed, upon pieces of sod (grass side down) or in 5 inch pots, so that they may be readily transplanted to the open ground in rich soil when the danger of frost is over, or protected by bell glasses. For general use plant when the weather has become settled and warm, in hills about 4 feet apart each way; thin out four of the strongest plants to each hill; they succeed best in warm moist, rich, loamy soil.



Davis Perfect Improved Cucumber.

Davis Perfect Improved.—

Now recognized by expert cucumber growers everywhere as being the best cucumber for forcing under glass or growing outdoors.

Habit of growth vigorous and should not be planted as close together as other White Spine sorts. Fruit very dark, glossy, green; shape slim and symmetrical; average length about ten inches. Exceedingly crisp and tender, and seem to hold their color and freshness long after being cut. Not quite as early as some of the White Spine varieties, but will out-yield any of them and will sell when others are a drag on the market. The only cucumber for market gardeners to grow for profit, and the best for the home garden.

For the past four years, the originator, by careful selection, has produced an excellent improved type of this splendid variety, but having only a small quantity of seed saved from these selected types we can offer it in quantity of more than four ounces. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

DAVIS PERFECT REGULAR STRAIN.—
Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Ferguson's Extra Long White Spine.—

One of the finest cucumbers ever introduced. Vines being of unusual vigorous growth, produce enormous crop of perfectly smooth and very dark green fruits measuring twelve to sixteen inches long. While many specimens grow larger, its beautiful, solid fruit (with hardly any seed cavities) make it a perfect gem as a slicer. The flesh is a greenish white, firm, crisp, and of a most delicious flavor. Per pkt., 15 cts.; oz., \$1.00.

Arlington White Spine

Forcing. A strain of White Spine which has been improved through careful selection with a view to use for forcing in hot houses and frames. Per pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.25.

Improved Early White

Spine. A well-known standard variety. Flesh tender and crisp. Fruit uniform in size, straight and dark green, with few white spines. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Danish Pickling.—This is one of the best introductions of one of the leading growers in Denmark. It has become very popular in the land of its origin, and we believe will meet with equal favor in this country. It is a fine slicer and pickler, and is being largely used for dill and mustard pickles. It is a shy seeder and remains green a long time. Pkt., 10 cts.; oz., Telegraph Cucumber 25 cts.; ¼ lb., 80 cts.



FORDHOOK FAMOUS.—A long White Spine variety, growing from 10 to 12 inches. Fully as long as Long Green and of equally good quality. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

GIANT PERA.— Frequently grows twelve to eighteen inches long. Fruit very smooth, straight, dark green, with very few seeds, excellent flavor. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

LONG GREEN IMPROVED.— Fine for pickling when small, good for table use when about half-grown. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

JAPANESE CLIMBING.— Fruit about ten inches long, thick and fine flavor. Skin dark green, flesh pure white. Can be grown on trellises and fences. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

BOSTON PICKLING.— Fruit short, smooth and pointed at each end; bright green, and a great yielder; one of the best for pickling. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

New Lemon.— Nearly round, with yellow and green markings, and smooth skin like a lemon. Customers who grow it say they prefer it to any other variety. The flesh is tender, crisp and sweet. The fruits are from 2½ to 3 inches in diameter, and they should be used just as they are turning yellow. For pickling, either when green or ripe, they are unexcelled. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

SERPENT or SNAKE CUCUMBER.— A very interesting curiosity. The cucumbers grow up like a snake with the head protruding; sometimes several feet in length. Per pkt., 10 cts.

ENGLISH CUCUMBERS

ENGLISH FRAME.— Sion House, Marquis of Lorne, Telegraph (Rollison's), Lockie's Perfection, Veitch's Sensation, Rochford's Favourite. Per pkt., 25 cts.

Ferguson's Improved Telegraph

Telegraph has, for a great many years, been recognized as the best and most prolific Cucumber for all purposes, and still keeps its place amongst the many new varieties that have been introduced since. The improved stock which we are now offering has a shorter neck, and keeps fresh and crisp much longer than the original variety. The fruits are of fine shape, large and uniform in size, deep green in colour, and of exceptionally fine quality. It is an enormous cropper, and suitable for exhibition or culinary purposes. Pkt., 25 cts.

Cucumber Plants. (See page 30).

SWISS CHARD OR SPINACH BEET

Giant Lucullus. The leaves of this spinach beet are crumpled similar to the Bloomsdale or Savoy Leaved Spinach. If cut when about 6 to 8 inches high, it can be used the same as spinach. Its habit of growth is such that you can cut it at intervals throughout the entire season till frost. If allowed to grow, the plant will attain the height of 2½ feet and consist, when fully developed, of about a dozen creamy white stalks, about 12 inches long, that can be cooked like asparagus and is very tender and delicious. It yields an abundant supply of delicious greens and should be in every garden. It is the one vegetable that is always ready to use. One ounce will sow about 100 feet of drill. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 80 cts.

CURLED CHERVIL

Used for flavoring and garnishing dishes of meats and vegetables. The leaves are ready for use in six to ten weeks from sowing the seed. Sow in early spring in rich, well prepared soil, and when plants are well-established transplant to about one foot apart. One ounce will sow about 100 feet of drill. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.

WHITLOOF CHICORY OR FRENCH ENDIVE

Is an easily grown crop for salad in winter.

This makes one of the most delicious of all winter salads. The seed is sown in good rich soil in May or June and then transplanted to 9 inches apart. In autumn the roots are taken up, those which have divided, or too narrow leaves being thrown aside, if any such are met with, as well as any which bear several heads. The leaves of all the selected roots are then trimmed off about 1½ inch from the neck, and any secondary shoots that may appear on the sides of the roots are picked out, the lower end of the roots being also shortened so as to bring them all to a uniform length of 8 to 9 inches. The roots are then planted in earth in a dark, cool place in the cellar or under a greenhouse bench. Finely blanched crisp leaves are thrown out, and when cut, new leaves form. The leaf growth furnishes a delicious salad or it may be cooked in the same manner as Sea Kale. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50. Strong roots ready for forcing.—\$6.00 per 100; \$1.75 per 25

LARGE ROOTED.—Requires similar treatment to carrot. The root is used to mix with coffee, and the leaves as a salad. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.40.



Swiss Chard

HOW TO STAKE AND PRUNE TOMATOES FOR BIGGEST CROPS.

Staked plants will bear from 30 to 50 per cent. more of perfect fruits than any plants that spread over the ground. About July 4, place 5-foot stakes within 2 inches of the base of each plant. Then, with a sharp knife reduce each plant to 3 of the strongest branches. Tie the branches to the stake, and as the branches climb, remove all side-shoots at base of plant and all suckers which develop at the leaf-joints. When the plants reach the top of the stakes, begin to prune out the centers also. Constant pruning will produce more perfect fruits, earlier, and a more abundant crop.



Egg Plant New York Improved

EGG PLANT

Sow the seed thickly in a hot bed in March. When three inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in rows two feet apart and one foot in the rows. One ounce will produce about 1,000 plants.

The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between the rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest as well as blight may be controlled by spraying with Arsenate of Lead.

N. York Improved. This is the very best type of this standard variety. Absolutely spineless; the plants grow low, stocky and branching; early and almost continuous bearer. The fruits are very large, smooth and have a rich satiny purple colour. Pkt., 10 cts.; oz., \$1.50.

BLACK BEAUTY.—From 10 to 12 days earlier than New York improved. The fruits are broad, thick, of most attractive form and finest flavor. Its rich, lustrous, purple-black colour is very uniform. Fine for the home garden. Not so good a yielder as New York. Pkt., 10 cts.; oz., \$1.50.

LONG PURPLE.—Very hardy; early and productive. Per pkt., 10 cts.; oz., \$1.50.

EARLY WHITE ROUND.—Per pkt., 10 cts.; oz., \$1.50.

EGG PLANTS.—(See page 30.)

CRESS

EXTRA CURLED, or PEPPER CRASS.—Crisp, pungent leaves, finely cut and ornamental; used as a condiment and for garnishing; rapid growing, dwarf and compact. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

UPLAND.—The leaves and their flavor somewhat resemble Water Cress, though this sort succeeds in dry soils, and is slow in running to seed. Pkt., 10 cts.; oz., 75 cts.

WATER CRESS.—Highly esteemed for salads and garnishing. It must be grown along moist banks or in tubs in water-covered soil. Pkt., 15 cts.; oz., \$1.20.

DANDELION

One ounce to 100 feet of row.

CULTURE.—Plants usually come up small and feebly. Sow seed in good clean loam, in drills 1 foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter; or by placing a large inverted flower pot over each plant.

THICK-LEAVED or CABBAGING.—An improvement on the common sort, the leaves being double the size. Per pkt., 15 cts.; oz., \$1.25.

FLORENCE FENNEL

A native of Italy, a distinct dwarf annual, very thick-set herb. The large, finely cut, light green leaves are borne on very broad, pale green or almost whitish stalks, which overlap at their bases, somewhat like Celery, but much more swelled at edible maturity, to form a sort of head or irregular ball, "the apple," as it is called, sometimes as large as a man's fist. Sow in spring after the ground gets warm, in drills 12 inches apart and the plants thinned to 6 inches asunder. They are very thirsty things and require water frequently. When the "Apple" attains the size of an egg, earth may be drawn up slightly to the base, which may be about half covered; cutting may begin about ten days later. Florence Fennel is generally boiled and served with butter or a cream dressing. It suggests Celery in flavor, but is sweeter and is even more pleasingly fragrant. Up to the present time, it is not much used in Canada, but it deserves to be more extensively cultivated. Pkt., 15 cts.; oz., 90 cts.



Carentan Leek



Kohl Rabi

ENDIVE

One of the best salads during the cool fall, winter and early summer months. Endive is not only much used for salads and garnishing, but is also desirable for greens and for flavoring soups and stews. Sow in May for early use, about one-quarter inch deep, in rows ten to twelve inches apart; thin out plants one foot apart and when well grown effect blanching by folding the leaves in their natural position around the heart, and tying the outer leaves together by their tips, in cone form, which must be done when quite dry or they will rot. Dr. Fink, an authority on foods, highly recommends Endive as a food for persons suffering from indigestion. One ounce of seed for 100 feet of drill.

FERGUSON'S WINTER BEAUTY—Hardy, finely curled green leaves; easily blanched; one of the best. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

WHITE CURLED (Summer).—Leaves pale green, a good variety. Per pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.

BROAD-LEAVED BATAVIAN "SCAROLE."—Very fine hearts, easily blanched. Per pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.

KOHL RABI

One ounce of seed will sow a drill of about 150 feet.

A vegetable superior to cooked turnips is found in Kohl Rabi, a small quantity of which is grown in this country. One common mistake is in harvesting it too old. It is best when quite tender and not full grown. If permitted to grow old it becomes woody and stringy. The vegetable has the added advantage of doing fairly well in a semi-arid country where turnips will not grow at all, as it does not require as much moisture.

Early White, or Green Vienna.—

Flesh white, a standard sort for market and table use. Per pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.75.

EARLY PURPLE VIENNA.—Bluish-purple similar to the above, except in colour. Per pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.75.

LEEK

The long thick neck of leek is excellent for stews, soups, or when creamed. Sow the seed early in March in a seed-box or in the open as soon as the ground is fit. If long white, tender Leeks are desired, transplant when 6 inches high, setting 4 inches apart in trenches about 2 feet apart, and gradually earth up to the top of the neck when cultivating.

Leek Dobbie's International

Prize. This Leek should be grown by competitors in all districts where it is customary to grow, and where Judges show a preference for long-blanching Leeks. When well grown, Dobbie's International Prize is impossible to beat. Per pkt., 20 cts.; oz., 60 cts.

LARGE SCOTCH, or MUSSELBURGH.—Grows to an immense size; hardy and fine flavored. Per pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

MONSTROUS CARENTAN.—Very hardy; extraordinary size and of mild flavour. Per pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Leek Plants.— (See page 30)

LETTUCE

may be made until about August 5. Constant cultivation is necessary. One ounce for 600 feet of drill; 4 pounds per acre in drills.

Ferguson's Peerless. A remarkably fine Lettuce somewhat resembling Big Boston in habit, but with a very important distinction—the colour is lighter green, the leaves are not tinged with brown and the heart is larger in diameter. Although this fine variety grows to a large size, it has the merit of being crisp and of excellent flavour. Its chief peculiarity is the extraordinary time it remains fit for use, withstanding summer heat and drought, and not running to seed until long after all other cabbage varieties, and we therefore heartily recommend it, especially to the market gardening trade. Pkt., 15 cts.; oz., 50 cts.; ¼ lb., \$1.50.

Earliest Wayahead. Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold frames early in the spring and in the open ground, in spring, summer and early fall months—it has proved to be not only the very earliest and surest heading of all early lettuces, but also of the very finest quality at all seasons. Thousands of satisfied planters are most enthusiastic in praise of Earliest "Wayahead" Lettuce.

It is not only earlier than May King and other choice extra early varieties, but the heads are also larger in size and more tightly folded. Per pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

May King. An early outdoor variety and a good forcer. The heads are globe-shaped, large and solid; leaves yellowish green with brown tinge, crisp and tender. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

Unrivalled. An improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz.: Earliness, large size, attractive colour, etc. It can be sown almost the whole year round; resists summer heat remarkably well, is crisp and solid when other sorts become tough and flabby under same conditions. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25.

St. Louis Head. A popular and satisfactory head lettuce with the market gardeners. It forms a fine head, is tender and crisp, and is very slow to run to seed. Outer leaves are light green, and the inner ones are bright, creamy yellow; of a very fine flavor. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

MONTREAL MARKET.—A good summer cabbage sort; very crisp, large and light in color. Largely used for growing in cold frames during winter and spring, and a good sort to grow for market. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

Lettuce may be grown in every garden. Well-rotted stable manure should be mixed in the soil. If this cannot be secured, use good commercial fertilizer, which should be raked in after digging. Sow seed as soon as ground can be worked, and thin out as desired. If for heading, leave plants 8 to 10 inches apart. If for cutting, they may be left much closer. Successive sowings



Unrivalled Lettuce

Extra Select Grand Rapids. The well-known forcing variety for Canada, where butter-headed or cabbage varieties do not grow well under glass. Is a loose-bunching variety, forming no definite head. Is extremely curly, and its light yellowish-green color makes it very attractive. Our strain is specially selected for purity and is the best to be found. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

PEDIGREED GRAND RAPIDS FORCING.—We have a limited quantity of pedigreed Grand Rapids Forcing Lettuce Seed, grown from individual plants, carefully selected for several years. This is an absolutely pure strain of the lettuce that made Grand Rapids famous. On account of limited amount of seed and in order to get as wide a distribution as possible, we can only offer it by the pkt., 15 cts.

GOLDEN QUEEN.—Very early, yellow colour; excellent for forcing. Heads are small, but nearly round. Can be grown either under glass or outside in spring. Per pkt., 10 cts.; oz., 35 cts.

Cos or Romaine Lettuce. Of French origin, this type, as differs greatly from the American varieties by its long, narrow, spoon-shaped leaves, folding into loose, sugar-loaf shape which blanch better by having the outer leaves drawn about them and tied. The quality is distinct from that of the Cabbage Lettuces and by many is considered very superior. Per pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

The Morse. A large, loose-bunching or non-heading variety, forming a large bunch of leaves, which are very crisp and of fine flavor. In color it is a light green and very attractive. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

EARLY CURLED SIMPSON.—Does not head, but forms a compact mass of curly leaves of yellowish green. It matures early, hence is very generally grown in cold frames and is an early outside crop. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

LETTUCE FOR BIRDS.—Per lb., 50 cts.

LETTUCE PLANTS.—(See page 30.)



Cos Lettuce

MUSTARD

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like spinach. Sow as early in the spring as the ground will permit, in drills about eighteen inches apart, covering one-half inch deep. For succession, sow every few weeks till autumn. Water freely.

WHITE.—Best variety for salads. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.00.

CHINESE.—Leaves twice the size of the ordinary White Mustard, of a deeper green. Flavor pleasantly sweet and pungent. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Musk Melon

One ounce will sow about 70 hills

Montreal Improved Nutmeg.—

This variety grows to a large size, beautifully netted and deeply ribbed, flesh light green, melting and of exquisite flavor. The best melon in cultivation. Our stock is true and was grown here under glass from selected fruit. Per pkt., 15 cts.; oz., 75 cts.

Ask for full cultural directions.

Honey Dew.—The delicious honeylike flavor of this new melon has met with instantaneous public flavor and created a sensation wherever used. The fruit is of large size, weighing eight to ten pounds each. The rind is perfectly smooth and cream colored. The flesh is from one and one-half to two inches thick, light green in color, very sweet and juicy. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

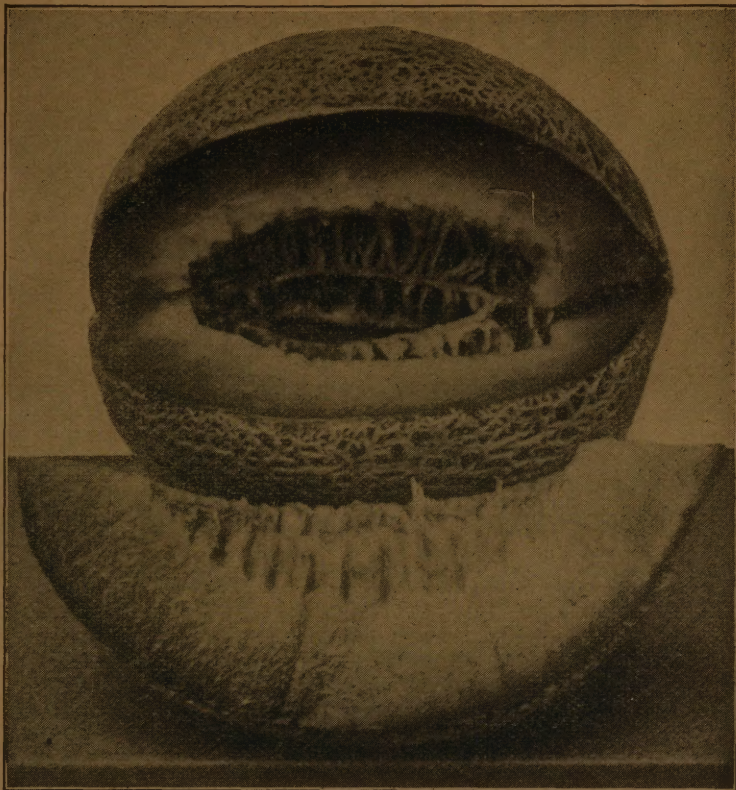
Gold Lined Rocky Ford. Its shape is ideal, very slightly oval, no ribs, and it is heavily netted over the entire melon. The bloom button is small and flesh as thick at the end as elsewhere. The melon is thick meated, fine grained and sweet; colour green with a gold margin next to the seed cavity. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

Early Hackensack. An improvement over the old Hackensack, producing melons of as good quality and fully 10 days earlier. Large fruit, with thick green flesh of the finest flavor. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

Petoskey or Paul Rose. A yellow fleshed sort of suitable size for a crate melon and of excellent quality. The vines are vigorous and productive. The fruits are oval, slightly ribbed and densely netted. In general appearance they are much like Netted Gem, but larger. The flesh is orange yellow, very thick, firm, sweet and highly flavored. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

MILLER'S CREAM.—Skin dark green colour, slightly netted. Flesh salmon colour, sweet and delicious flavor. A remarkable keeper. One of the best salmon-fleshed Melons for shipping. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

ROCKY FORD.—Very early, flesh light green, very popular sort. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.



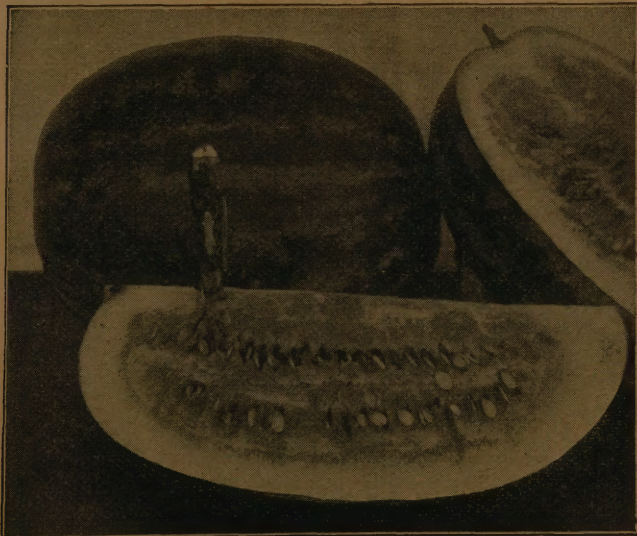
Montreal Improved Nutmeg Melon.

Sutton's Superlative Forcing Fruit of medium size, almost round and very handsomely netted. Flavor unsurpassed by any other Melon in cultivation. Flesh scarlet, merging into a beautiful green tint near the skin, and so thick that the fruit is practically without a cavity. Occasionally a green-fleshed fruit of the same high quality is found. Plant robust in habit and sets its fruit with unusual freedom. Pkt., \$1.00.

WATER MELON

One ounce will plant 50 hills

Water Melons are cultivated in hills, which should be six to eight feet apart each way, and of light moderately rich soil. The hills should be dug about two feet square, 18 inches deep, and half filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to a hill; when the plants are well up, thin out to three. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Seeds should not be put into the hills until the weather becomes settled and warm.



Cole's Early Water Melon

Cole's Early. A fine variety for the family and market, and is particularly adapted on account of its earliness to Northern latitudes. The bright red flesh is cool, crisp and sweet. The Melons are of medium size, and produced in generous numbers. The heart is surprisingly large in proportion to size of Melon. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Kleckley's Sweet. The sweetest of all the Water melons. Fine flavored and grained; tender meat. Fruits are large size; rind very thin and green; very brittle; flesh scarlet and firm. Season is only medium early; hence is not recommended for the extreme north. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Phinney's Early.—This is a very choice early Melon. It is very hardy and a sure cropper. The rind is thin and the quality of flesh is sustained clear to the rind. Pkt., 10 cts.; oz., 25.; ¼ lb., 75 cts.

Black Spanish.—Large, roundish, nearly black, dark red flesh, early. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Fordhook Early.—Shape nearly round, colour medium green; rind tough; flesh bright red, very delicate, melting and deliciously sweet. A good shipping variety. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Citron.—Round small fruit, used for making preserves. Per pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

ONIONS

CULTURE.—Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the spring, cover with fine soil and firm well, either with roller or back of spade. When plants are strong enough, thin out to 3 or 4 inches. The finest Onions are produced by sowing the seed in a hot bed early in March and transplanting seedlings to the open ground 6 inches apart. One ounce for 200 feet of drill, 4 to 5 pounds to the acre.

Denia, Genuine Imported. It is generally conceded that this is the parent type of the well-known Prizetaker, of which, however, it is a far superior strain. It runs more uniform in size and is a more characteristic globe. The bulb is more compact and its rings or layers of growth are thinner. Generally the neck is smaller than Prizetaker, and it seems to ripen down somewhat earlier. Pkt., 25 cts.; oz., 75 cts.

Cranston's Excelsior. **THE WORLD'S CHAMPION EXHIBITION ONION.**—An extremely large onion, the most popular exhibition variety in the British Isles. It is globe-shaped and in colour a pale yellow; the flavor is very mild. An extra-long keeper, it remains sound after many other varieties have decayed. It is not uncommon to grow bulbs of this variety exceeding 3½ pounds in weight and 21 inches in circumference. Our stock is the raiser's own selected seed. Pkt., 25 cts.

Ailsa Craig. A large and handsome variety. The skin is a pale straw colour, flesh white and mild. The bulbs are irregular in form, some being globe-shaped, others inclined to a flat oval. Seed should be started in a hot bed or in a box in the house for their full development. Pkt., 10 cts.; oz., 65 cts.

Extra Select Large Red Wethersfield. Very popular, a sure and heavy yielder, the best keeper, grows to an immense size, solid, oval shaped, flattened on top; skin purplish red, smooth and glossy; flesh white, slightly tinged with pink, strong flavored. The best variety for poor or dry soil. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00; lb., \$3.00.

Ferguson's Extra Early Red. An extra early red medium sized, flat variety, and a good yielder. It is fully two weeks earlier than Large Red Wethersfield. On account of its earliness, it is especially adapted for growing for early market, or in Northern Latitudes where other varieties do not always mature. Forms a hard bulb with good keeping qualities. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$3.00.

Ferguson's Selected Southport Red Globe. The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped, with a small neck, and are excellent keepers; color a deep purplish-red. We have an unequalled strain of this variety and sell annually hundreds of pounds in the large commercial onion growing districts. Pkts., 10 cts.; oz., 40 cts.; ¼ lb., \$1.10; lb., \$3.25.

Ferguson's Select Danvers' Yellow Globe.—Our strain of Yellow Globe Danvers' Onion is unsurpassed. The shape is uniformly round; colour, a fine brown orange yellow. The entire crop ripens down at one time and winters well. Per pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00; lb., \$3.00.

DANVERS' EARLY FLAT YELLOW.—Differs from the globe strain only in shape, being more flat. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.; lb., \$2.75.

AUSTRALIAN BROWN.—Distinct from all other Onions; uniform in size and shape; wonderfully hard and solid, and will keep almost indefinitely. Ripens extremely early. It is of medium size, round, with skin of a deep amber brown; flesh mild and agreeable. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

WHITE BARLETTA.—A very small, pure white variety. For pickling purposes it is unequalled. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.
SMALL WHITE NOCERA.—Fine for pickling. Per pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

ONION SETS.

Prices subject to market changes.

Indispensable for early onions as in a very few weeks they are ready for the table. While it is much cheaper to grow onions from seeds, still it is considerable work to keep them weeded, and many of our customers who have only a small garden prefer to grow them from the sets.

Onion Sets should be planted out as early in the Spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart in the row. About 350 lbs. for an acre.

RED BOTTOM SETS.—Per lb., 25 cts. (Post paid, lb., 35 cts.)

WHITE BOTTOM SETS.—Per lb., 30 cts. (Post paid, lb., 40 cts.)

YELLOW BOTTOM SETS.—Per lb., 25 cts. (Post paid, lb., 35 cts.)

SUMMER TOP ONIONS.—Per lb., 40 cts. (Post paid, lb., 50 cts.)

POTATO ONION.—Per lb., 25 cts. (Post paid, lb., 35 cts.)

SHALLOTS.—Per lb., 25 cts. (Post paid, lb., 35 cts.)

GARLIC.—Per lb., 50 cts. (Post paid, lb., 60 cts.)



Large Red Wethersfield Onion



Selected Southport Red Globe Onion



Special prices for large quantities on application.

D. & F's. Reliable Mushroom Spawn

BOTTLED MUSHROOM SPAWN.

The latest and by far the best method of propagating Mushrooms is by use of bottled spawn. It is far superior in every way to the old-fashioned brick spawn as it becomes better known it will without doubt be used to the exclusion of all other kinds of spawn. It is more perishable than the bricks but it is far more effective and virile.



When ready to use the spawn, break the bottle and plant pieces about the size of a walnut about a foot apart and a half an inch below the surface of the bed, pressing earth down firmly without pounding. The temperature should be kept between 60 and 70 degrees. One bottle covers about 50 square feet. Unused bottles should always be kept at a low temperature; they can be kept indefinitely at 32 degrees. Price \$1.50.



STERILIZED SPAWN.—This spawn is the very best that can be produced. All materials have been thoroughly sterilized and the spawn grown under absolutely germ-proof conditions. Package containing content of a quart jar which will go further than five bricks. Each, \$1.50 postpaid.

D. & F's American Pure Culture Spawn.—This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen mushrooms and is propagated and transferred to the bricks of manure, which, when planted, produce mushrooms all of one type. In 1/2 lb. brick, 40 cts. each (post paid, 60 cts.); per doz., \$3.25.

PARSNIP One ounce will sow about 200 feet of drill. **CULTURE.**—Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering the seed one-half of an inch deep. When well up, thin out to 4 inches apart in the rows. Parsnip grows best when the soil is deeply cultivated and enriched with old and well-rotted stable manure; without this preparation the roots will be tough, stringy and small.

Dobbie's Selected. The seed has been saved with the greatest care from roots of the competition purposes and is generally recognized as the best for exhibition. Per pkt., 15 cts.; 1/2 oz., 35 cts.; oz., 60 cts.

Cooper's Champion Hollow Crown. The best variety in cultivation for general use; roots intermediate length, white, smooth, sugary; excellent flavor, easily harvested. Per pke., 10 cts.; oz., 30 cts.; 1/4 lb., 90 cts.; lb., \$2.75.

GUERNSEY, OR STUDENT.—Slightly shorter than the Hollow Crown variety with a somewhat broader top or shoulder; it can also be sown a trifle later if necessary. Pkt., 10 cts.; oz., 30 cts.; 1/4 lb., 90 cts.; lb., \$2.75.

PEPPER Sow 1/2 inch deep in hotbed in March. When plants are 1 inch high, transplant into 2-inch pots and, after the open ground is warm, transplant to rows 2 1/2 to 3 feet apart, plants being 1 1/2 to 2 feet apart in the row. Cultivate frequently to keep soil mellow and free from weeds. One ounce will produce about 100 plants.

Perfection Pimento. The mildest flavored of all peppers. Must be started early to mature. Pkt., 10 cts.; oz., \$1.00.

Royal King. The result of a cross between Ruby King and Chinese Giant, combining the vigor and size of Chinese Giant with the earliness and hardness of Ruby King. Brilliant scarlet; flesh thick, sweet, and mild. Pkt., 15 cts.; oz., \$1.25.

Ferguson's New Quality. It has a beautiful, attractive shape, while its superior quality (almost as sweet as an apple) makes up its attractive appearance. As to size, it averages five inches in length, three and one-half inches wide at the stem end and two and three-fourth inches at the other. Pkt., 15 cts.; oz., \$1.00.

Chinese Giant. The largest and finest mild red variety. Per pkt., 10 cts.; oz., \$1.25.

LARGE BELL, or BULL NOSE.—A favorite pickling sort; is early, large, mild and thick-skinned; color red. Per pkt., 10 cts.; oz., \$1.00.

LONG RED CAYENNE.—A small, long bright red sort; very productive; extremely strong and pungent. Per pkt., 10 cts.; oz., \$1.00.

NEAPOLITAN (New).—The earliest and most productive large variety. Bright red, sweet and mild. Per pkt., 10 cts.; oz., \$1.25.

RUBY KING.—The best and most profitable mild red pepper for market or family use; sweet and mild; large size. Pkt., 10 cts.; oz., \$1.00.

SWEET GOLDEN DAWN.—Very handsome and distinct mild flavor; very popular. Per pkt., 10 cts.; oz., \$1.00.

SWEET SPANISH MONSTROUS.—A very large variety and mild-flavored. Pkt., 10 cts.; oz., \$1.00.

EARLY DWARF RED SQUASH.—A medium sized flat, or tomato-shaped, variety with pendent fruit more or less ribbed, about 2 inches in diameter and one inch in depth; flesh thick and mild; color bright red. Pkt., 10 cts.; oz., \$1.00.

PEAS

CULTURE.—Plant early, smooth varieties as soon as frost is out of ground; follow with the early wrinkled sorts in a week or 12 days and make successive plantings every 10 days until the 1st of July. Plant 2 to 3 inches deep, in double rows 3 to 4 feet apart, if cultivated by hand; if by horse power rows should be 3 feet apart. Plants should be from 8 to 10 to the foot, according to the variety. Dwarf varieties require no sticks, tall varieties do better staked. Use one lb. to 50 feet of drill, 2 to 3 bushels per acre.

EARLY AND EXTRA EARLY VARIETIES

Marvellous. This splendid first early Pea, in our opinion, is the best of the semi dwarf section on the market. The pods are produced invariably in pairs and these combine the size and earliness of Sutton's Excelsior with the deep green colour and form of "Little Marvel." It proved to be one of the heaviest cropping varieties in trials, the pods containing 8 to 10 large peas and of extremely sweet flavor. The plants grow to a height of about 18 inches. Per ¼ lb., 18 cts.; lb., 60 cts. (Post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.)

Laxtonian. One of the earliest dwarf Peas. Vines are vigorous, growing about eighteen inches high, well covered with large, even-sized pods averaging 8 to 9 to a vine and 9 to 10 peas in a pod. Quality of the best. ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 66 cts.)

Sutton's World Record (An Earlier Gradus). The English gardeners have

long been noted as growing the most magnificent Peas in the World, and in Sutton's World Record, we have one of the finest developments of the English Early Pea. It grows about 3 feet in height, is of dark colour, and produces pods frequently attaining the length of 7 inches and over, closely packed, with 10 to 13 large dark green Peas of the finest flavour. ¼ lb., 18 cts.; lb., 65 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.)

Gradus (Our specially selected stock). This is the earliest large-podded pea in cultivation. The peas are tender, sweet, of extra size; pods average four to four and one-half inches long and contain from eight to ten peas of enormous size and excellent quality, ¾ feet. per ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

Thomas Laxton. A strong grower and as productive as the well-known Gradus. The pods are of a dark green color, filled with large peas of superb flavor. ¾ feet ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

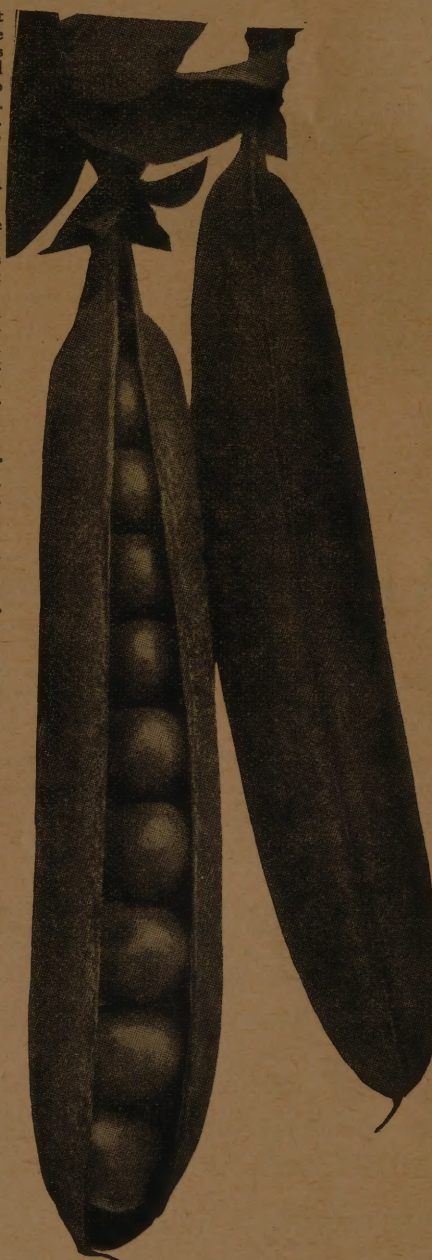
Sutton's Excelsior. A deservedly popular variety. An enormous yield and of the very choicest flavor. Pods well filled with six to eight peas packed very closely together. Valued highly for the home garden and for all-round excellence is second to none. ¼ lb., 15 cts.; lb., 40 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.)

Early Ameer.—Old variety, lately become very popular with truckers in certain sections. The peas are smooth and therefore can be planted early without rotting. The season is early, 2 or 3 days later than Alaska, and the pods are almost twice as large, and hence command a high market price. ¼ lb., 15 cts.; lb., 40 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.)

American Wonder.—Well known early wrinkled sort. Height, 1 foot. Per ¼ lb., 15 cts.; lb., 35 cts.; (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.)

Alaska.—The earliest blue pea. Height 2½ feet. Per ¼ lb., 15 cts.; lb., 40 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.)

First and Best.—Very early and prolific; a standard variety. Height, 2½ feet. ¼ lb., 15 cts.; lb., 40 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.)



World Record

SECOND EARLY AND MAIN CROP VARIETIES

Sutton's Dwarf Defiance.

Long dark green pods, well filled with peas of superior flavour. Height, 2 to 2½ feet. Per ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

Admiral Dewey. Remarkably healthy, vigorous and productive, it is almost entirely free from sports and in that respect is far ahead of any large podded pea ever grown. Pods of the largest size, frequently 6 in. in length, straight, rounded at the point, and most beautifully shaped, well-filled with large peas that are deep green in color and of the richest flavor; height, ¾ feet. Per ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

Senator. A grand second-early, productive of large, luscious, very wrinkled Peas. The handsome, large, round pods are curved and always well filled. Vines grow 3 to 4 feet and carry an enormous crop of delicious Peas, which always command top prices in market on account of their appearance and quality. Per ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

DWARF CHAMPION OR JUNO.—Very similar to the Champion of England except in growth of vine, which is only about two and one-half feet in height. Pods are dark green, good size, and very prolific. Quality excellent. ¼ lb., 15 cts.; lb., 50 cts.; (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

CHAMPION OF ENGLAND.—One of the best. Delicious flavor; profuse bearer of large pods and well-filled with large green wrinkled peas. Per ¼ lb., 15 cts.; lb., 40 cts.; (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.)

Improved Stratagem. Half-dwarf; green wrinkled; vigorous branching habit; and enormous cropper. Pods long, filled with from 7 to 9 extra large peas of extra fine quality. Height, 2½ feet. Per ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

TELEPHONE.—This pea has proved to be a valuable acquisition. Height four and one-half feet. Pods very large, filled with immense peas, which are the largest of any. Tender and sweet. Per ¼ lb., 15 cts.; lb., 50 cts. (post paid, pkt., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.)

SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. The latter are cooked with the peas intact. They are very tender and exceedingly sweet.

DWARF SUGAR.—Gray seed; height 2 feet. ¼ lb., 20 cts.; lb., 60 cts.; (post paid, pkt., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.)

MELTING SUGAR.—White seed; height, 4 feet. ¼ lb., 20 cts.; lb., 65 cts. (post paid) pkt., 10 cts.; ¼ lb., 25 cts.; lb., 70 cts.)

A Sterling novelty, New Garden Pea "Laxton's Progress" see page 6

POTATOES FOR SEED

Write for
Price
List.

REGISTERED AND GOVERNMENT CERTIFIED SEED POTATOES

IRISH COBBLER

First Early—Extra Good Keeper.

The finest and most productive extra-early white Potato grown. The tubers are uniform, round, plump, and handsome; the flesh is white and of splendid quality. Will be ready for use in about 75 days from planting. They can be dug early, and are also excellent keepers.

IMPROVED GREEN MOUNTAIN

The best late Potato

A white skinned variety of flat, oval form, smooth and attractive. Ripens slowly and is a good keeper. Quality excellent when well grown. This variety has been growing in popularity and is now the leader of all varieties for general crop.

EXTRA EARLY EUREKA

Produces Extra Early and Heavy Crops Resistant to Drought and Blight.

Eureka Extra Early has never failed to produce a large crop of extra early potatoes. The plant is dwarf and compact, maturing in advance of the Early Rose and Early Michigan. It resists blight to a wonderful degree. The tubers are round and slightly flattened. White skin, free from disease; flesh white and mealy; no cores or black specks; in quality it is unsurpassed. A fine cooker. The Eureka has never taken second growth and resists drought extremely well.

DELAWARE

The heaviest Main or Late Crop Yielder

It is productive to an extraordinary degree. The Tubers are bunched closely in growing, which materially lessens the labor of harvesting. The potato itself is of the size and shape best liked in nearly all markets. The skin is of a bright light russet color. Eyes are few and nearly flush with surface. In quality no potato can surpass it; in fact, in this particular we know of no sort that equals it. Its snowy whiteness when cooked, together with its dry, floury nature has made it a prime favorite.

Early Rose.—This variety has been a great favorite for many years and many growers still claim that it has never been excelled in quality and productiveness.



Gold Coin

Potatoes are long in shape, good size and light pink in colour at the bud end. They cook mealy and are of the finest flavor.

Beauty of Hebron.—Very rapid and vigorous grower, ripening as early as Early Rose, which it resembles but frequently exceeds in productiveness and excellence for table use, either baked or boiled.

Vermont Gold Coin.—A splendid main crop variety of remarkable productiveness and finest table quality. Slightly oblong in shape, skin light golden, flesh pure white.

Mr. Chs. A. Fisk, of Abbotsford, says he harvested over 300 bushels per acre.

HYBRIDIZED POTATO SEED

FROM THE SEED BALLS — HEADQUARTERS' STOCK

Millions never saw a Potato Seed Ball. Thousands have tried in vain to get the seed. Now is your opportunity. This unrivalled seed will produce an endless variety of new kinds. Your fortune may be one of them. They are as easy to grow as Tomatoes. It is from these that ALL valuable new varieties of Potatoes are produced. Growing new and distinct Seeding Potatoes from the Seed Ball Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener and bright boy should plant a few packets. You may be one of the lucky ones. Full directions on every packet. Pkt., 15 cts.; 4 for 50 cts.



Large Cheese Pumpkin.

PUMPKIN One ounce will plant 50 hills

Small Sugar Pumpkin.—This is the pumpkin from which the celebrated Yankee Pumpkin pie is made. About 10 inches in diameter is its average size. Skin is deep orange yellow, with fine grained flesh; handsome and an excellent keeper. A most prolific yielder and cannot be excelled as a table pumpkin. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

Genuine Mammoth or True Potiron.—

Form like an immense Nutmeg Melon with depressed ends, slightly ribbed and grows sometimes to 3 feet or more in diameter, and weighs over 200 pounds. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25.

LARGE SWEET CHEESE.—Fine for pies, productive, flesh yellow, sweet, keeps well in winter. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

JAPANESE PIE.—Flesh very thick, fine grained and sweet; fine for pies. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

MAMMOTH GOLDEN CUSHAW.—An improvement on the old light colored Cushaw, the skin, when pumpkins are matured, being a beautiful golden orange colour. Per pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

ETAMPES MAMMOTH RED.—Grows to an enormous size; colour bright red and is splendid for exhibition purposes. Per pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25.

CONNECTICUT FIELD.—Pkt., 10 cts.; ¼ lb., 50 cts.; lb., \$1.50.

RHUBARB.—Rhubarb requires the richest deeply tilled soil, with plenty of well rotted manure annually; then the produce will be large and tender.

LINNEUS GIANT.—Early and very fine leaves and stalks of immense size. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.

VICTORIA.—Later than Linneus, but equally large and desirable. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.



RADISH

One ounce of seed to 100 feet of drill; 10 lbs. to an acre.

Cooper's Sparkler. A quite distinct variety, fulfills every requirement in each respect, the colour being a rich carmine scarlet with a very pronounced tip of the purest white. It is equally well adapted for forcing in frames or growing in the open ground, for while the leaves are small they are sufficiently large for bunching. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Non plus Ultra Forcing. This variety has a small top and is the earliest in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in twenty-five days and they remain fit for use longer than any other variety. They are small, globular, smooth, very deep red in color; flesh is white, crisp, tender and mild in flavor. May be planted very closely owing to their small tops. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Rosy Gem. A beautiful variety, rose-scarlet with white tip, very nearly as early as Non Plus Ultra, has a small top, and may be planted as closely. It is most attractive in appearance and cannot fail to give satisfaction as a forcing radish. This is very popular as a market sort. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

French Breakfast, Improved. A medium-sized, Olive-shaped variety of bright scarlet colour, attractively tipped with white; it is of quick growth with very small top and flesh is of the finest quality, tender, and of mild flavour; excellent for forcing or for summer use. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Icicle, the Finest Eating, White Radish.—

The best eating radish, and the best white variety. This sort has long, slender, pure white roots, which remain mild and crisp until they grow of large size. Many of our customers think it is the finest radish they have ever grown. Tops are quite short, making it early, and also allowing their close planting. A succession is secured by planting seed every ten days. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

Ferguson's Re-selected Stock Scarlet Turnip

White Tip This radish is a table dainty; crisp, tender and sweet; it is turnip-shaped, bright scarlet color with white tip and is a high-class strain for outdoor planting. It combines a beautiful appearance with finest radish quality—appealing to the eye and palate. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

CRIMSON GIANT FORCING.—This variety will grow to a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

VICK'S SCARLET GLOBE.—Very attractive; admirable for forcing or out-of-door culture; globe form with small top; colour deep rich scarlet. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

EXTRA EARLY WHITE TURNIP.—Round, like the Scarlet in pure white. Per pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

BECKERT'S CHARTIER.—Long crimson shaded white. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

LONG SCARLET SHORT TOP.—Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

LONG BLACK SPANISH.—One of the latest and hardiest varieties for winter use; roots 8 to 9 inches long, 2 to 3 inches in diameter and nearly black in color. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

ROUND BLACK SPANISH.—Roots are round, inclined to top-shape, and 3 to 4 inches in diameter; skin almost black, flesh white, crisp and pungent. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

LONG WHITE SPANISH.—Quite like Long Black Spanish except in color and being less pungent. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Sakurajima, Mammoth Japan. A variety of large size grown in Japan. Pure white, tender and crisp; the largest grown. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

PARSLEY

One ounce will sow about 150 feet of drill.

Soak the seed a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 3 inches apart.

Ferguson's Perfection. For general use we can confidently recommend this variety as the best procurable; exquisitely curled, bright green and crisp; hardy and always to be had in condition for using; for exhibition purposes this strain will be found to be one of the best, possessing all the good points necessary. Fine dwarf habit, very crisp and close and seed saved only from specimen plants. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

CHAMPION MOSS CURLED.—One of the best for garnishing. Per pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Hamburg or Rooted. The edible portion is the fleshy root, which resembles a small parsnip, and is used for flavoring soups, stews, etc. Per pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

PLAIN.—The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.



Icicle Radish

SQUASH

Plantings must not be made until settled warm weather. Summer varieties should be planted in hills 4 to 6 feet apart each way; winter varieties 8 to 10 feet apart each way. Drop about 6 seeds to the hill. Cover firmly with $\frac{1}{2}$ inch of fine soil. When plants are in their third or fourth leaf, thin out to three strong plants in each hill.

One ounce Marrow Squash will plant about 50 hills.
One ounce Early Squash will plant about 25 hills.



Early White Bush Scalloped Squash

New Hybrid Marrow "Rutherside Orange."

The most prolific and best flavoured variety yet raised. An excellent new marrow, bearing deep golden-coloured globe-shaped fruit, slightly flattened at the ends; the flesh is firm with a distinct and delicate flavour superior to that of any other sort. It matures very early, is of running or trailing habit, and extraordinary prolific. Will doubtless be welcome in every garden. Pkt., 25 cts.

Improved Hubbard. (Winter).—The well-known and standard late variety, our strain is excellent. Per pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00
MAMMOTH WARTED HUBBARD (Winter).—Grows larger than the old variety, darker green and covered with knots. Per pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

GOLDEN HUBBARD (Winter).—This is a very distinct sort of the shape and general character of the Hubbard, but a little smaller; earlier to mature and of rich orange red colour, instead of the dark olive green of the old Hubbard. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

Essex-Hybrid (Winter).—Standard winter sort, flesh a trifle darker than Hubbard; excellent keeper. Per pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

FORDHOOK (Winter).—Skin bright yellow, flesh straw coloured, very sweet, one of the best keeping winter varieties. Per pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

EARLY WHITE BUSH SCALLOPED (Summer).—Standard summer variety, good for home or market. Per pkt., 10 cts.; oz., 30 cts.

EARLY YELLOW BUSH SCALLOPED (Summer).—Same as White Bush, except in colour. Per pkt., 10 cts.; oz., 30 cts.

BOSTON MARROW.—A late variety. A good keeper and of fine flavor. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Long White Bush Marrow (Summer).—This variety is a great improvement on the old trailing Vegetable Marrow. The fruit is larger and handsomer. Per pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

VEGETABLE MARROW (Summer).—An English variety, early and with greenish white skin. Flesh white, soft and of rich flavor. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

GIANT SUMMER CROOKNECK.—Double the size of the ordinary Crookneck and very warty, but similar in other respects. Per pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Mammoth Chili. (Winter).—Attains an enormous size often reaching a weight of 200 pounds, and not unfrequently weighs 300 pounds. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

SPINACH—One ounce will sow about 100 ft. of drill. 12 to 15 lbs. to an acre.

Long Season. A greatly improved stock which stands longer before starting seed stems than any other variety. It forms a dense rosette of thick, tender, crumpled leaves of very dark green color, retaining their freshness for a long period after cutting. The best Spinach for Spring sowing. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

VICTORIA.—Of dark green color and long standing qualities. Unexcelled for Spring sowing. Per pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

BLOOMSDALE.—Very hardy and stands up well. Per pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

VIROFLAY.—Has thick leaves of great substance, fine color and quality. Per pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

LONG STANDING.—Excellent for Spring sowing, as it will stand two weeks longer than the old Round Leaf without going to seed. Per pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

NEW ZEALAND. This plant is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where ordinary Spinach does badly. The seed is sown either in a hotbed or open ground during May, where the plants are to stand, and the plants will continue to yield a supply of leaves during the entire summer, requiring hardly any attention. The leaves are eaten, boiled and minced like ordinary Spinach. This grand vegetable is not well enough known, and should be grown in every garden. In fact, it can be called cut-and-come-again Spinach, as it is a continuous bearer. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

SALSIFY

One ounce will sow 50 feet of drill.

The preparation of the soil and the sowing is the same as for parsnip or carrots. The roots may, like parsnips, remain in the ground all winter.

Mammoth Sandwich Island.

(Oyster Plant).—The best variety of Salsify, being very smooth, of fine quality, pure white and extra large size. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

LONG BLACK, or SCORZONERA.—Resembles above, but black. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

SEA KALE

Sow in May in richly manured soil, and when plants are sufficiently strong, transplant into rows three feet apart, with two feet between plants. In fall cover with two feet of leaves, allowing these to remain until the succeeding June, when the plants will be thoroughly blanched. Per pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.



Hubbard Squash

TOMATO

rotted manure should be mixed in the earth of each hill. If the vines are trained on trellis, the fruit will be finer and larger. One ounce of seed produces about 1,500 plants; ¼ lb., for an acre.

CULTURE.—Sow thinly about the first week in March in a hot-bed, greenhouse, or window, where the temperature is never below 60 degrees. When two inches high set out the plants in boxes about four inches apart, or pot singly. When all danger of frost is over they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of

THE BURBANK TOMATO The Earliest Tomato in the World

By far the earliest, smoothest, solidest, most productive, and best of all early tomatoes; resists wilt and other tomato diseases better than most others. The "Burbank" is so much earlier than other tomatoes that from the seed of the tomatoes which ripen in California in June, a second crop has again and again been grown and ripened the same season, something probably never before known. Fruit bright crimson, thick, solid, heavy, smooth, firm, medium to large in size, superior quality, unusually heavy and continuous bearer throughout the season; best keeper and shipper. Unlike other tomatoes, the skin peels freely from the rich, firm flesh. It took Mr. Burbank over 10 years in evolving this new creation. Amongst its advantages are: Not just a few ripen early, but the whole crop; it is very solid and seeds are few and small; it is very productive and of fine quality and is not liable to blight. Pkt. 20c, ¼ oz. 50 c, ½ oz. 80c, oz. \$1.50.

Redhead Tomato.

An extra fine new medium early sort. Color deep red almost globe shaped a little flattened, never rough or wrinkled. Does not crack easily and seems practically resistant to blight. Pkt., 15 cts.; ½ oz., 75 cts.; Oz., \$1.25

Ferguson's O. K.

Tomato. This variety has proved a marvelous bearer and an extremely early setter; there is no Tomato which should become as widely grown as this in private gardens or for market; it is bound to give the utmost satisfaction to all. It is of perfect shape, of deepest scarlet colour; the skin is firm without being thick, and the fruitfulness of the plants is perfectly astonishing. Pkt., 25 cts.; ½ oz., \$2.25.

Earliana, Langdon's Northern Adirondack Strain

The strain of this first early sort is earlier and decidedly superior to much that is sold as Sparks' Earliana, and the extreme earliness of its large, smooth fruits makes it a very profitable tomato for market gardeners, as well as desirable for the home garden. The vines are small but vigorous and productive. The fruits are bright deep scarlet, medium to large, nearly round and exceptionally smooth for so early a variety. The fruits are borne in clusters near the base of the plant and the bulk of the crop ripens very early. Pkt., 10 cts.; ½ oz., 50 cts.; oz., 90 cts.

Seed from Crown and Selected Fruit.

Pkt., 15 cts.; ½ oz., 75 cts.; oz., \$1.25.
SPARKS' EARLIANA.—It is remarkable for its size and its earliness. Good form and wonderfully productive. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

Carter's Sunrise. English grown from selected stock. One of the best cropping of all the round fruited varieties. Excellent for forcing as well as for outdoor culture. Fruit is of medium size, reddish scarlet in color, and of very delicious flavor. This variety sets very freely. Pkt., 25 cts.; ¼ oz., 75 cts.; oz., \$2.50.

June Pink. Langdon's Northern Adirondack Strain.

Pkt., 10 cts.; ½ oz. 50 cts.; oz., 90 cts.

PONDEROSA.—Largest of all Tomatoes. Single specimens often growing to weigh from one and one-half to two pounds. Good flavor. Pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.50.

Crimson Cushion, or Beefsteak

Tomato. Fruit very large, round and regular; bright scarlet color, flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipment well. Pkt., 10 cts.; oz., 75 cts.

John Baer.

A fine extra-early variety of a bright red color, of perfect round shape, free from core, with very few seeds and a mild sweet flavor, and ripening right up to the stem. Vines are vigorous and very productive, fifty to one hundred fruits to a plant, splendid for shipping. Pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.50.

Coreless.

A very large, uniformly globe shaped bright scarlet, main crop or late tomato. The fruits are very solid, almost entirely free from green core and with little or no depression at stem end, making the variety desirable for slicing, canning and shipping. The vines are very vigorous, blight resistant and productive. Pkt., 10 cts.; oz., 75 cts.

Livingston's Globe.

(Livingston's Specially Selected Stock).—Perfectly globe-shaped, early, large, smooth, has few seeds, firm-fleshed, ripens evenly; rose-colored tinged with purple, very productive; an excellent keeper, flavor superb. A fine variety for greenhouse or for outdoor growing. Pkt., 10 cts.; oz., 75 cts.; ¼ lb., \$2.50.

Chalk's Early Jewel.

A second or medium early sort. Later than Earliana, Vines vigorous and productive. Fruit solid and without hard core. Colour bright scarlet. A sort having great merit. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

Bonny Best.

Ripens with our strain of Chalk's Early Jewel. Vine, strong and vigorous. Fruit, deep scarlet, ripening to stem. Flesh, firm. A productive and very desirable early and main crop variety. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.



O.K. Tomato

June Pink. An extra early, purplish pink tomato similar to the popular scarlet fruited Earliana in growth of vine, shape and size of fruits and time of maturing. A valuable variety for market gardeners who want a very early, purplish pink tomato. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

TOMATO—Continued

New Tomato, "Lister's Excelsior."

The result of a cross between Lister's Prolific and Ailsa Craig. A most remarkable variety, forces earlier, and without doubt the most prolific Tomato ever offered. The plant is a sturdy habit, very closely joined and producing enormous bunches, averaging 25 fruits, but as many as 40 are quite common, while for its free setting and fruiting qualities, there is no variety to equal it. The fruit is of medium size, round and firm, skin a beautiful deep glossy scarlet, while the flavour is exquisite. Pkt., of 50 Seeds, 25 cts.

Golden Queen.—A handsome yellow variety, of medium size and excellent flavor; Very attractive when sliced with the red sorts. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$1.75.

OTHER STANDARD VARIETIES

	Pkt.	oz.	¼ lb.		Pkt.	oz.	¼ lb.
Beauty.....	.10	.60	1.75	Magnus....	.10	.60	1.75
Dwarf							
Champion .10	.60	1.75	Perfection..	.10	.60	1.75	
Dwarf Giant .10	.75	1.75	Stone.....	.10	.75	1.75	
Early Detroit .10	.60	1.75					
Favorite....	.10	.60	1.75	Trophy....	.10	.60	1.75



PEAR SHAPE, or FIG.—Fruit is yellow.
RED CHERRY.—Small, red, borne in clusters.
STRAWBERRY, or GROUND CHERRY.—Fruit is yellow, grows in husks; excellent for preserves.
YELLOW PEACH.—Fruit is yellow, peach shape.
YELLOW PLUM.—Lemon color, oval, smooth.

TOBACCO

One ounce will sow twenty-five feet square, and produce plants for an acre. Sow in April in a hot bed, and when the plants are about six inches high transplant about the end of May into rows three feet apart each way.

COMSTOCK SPANISH.—Considered the very best of Cigar Tobaccos. The leaf is of good size and is suitable for wrappers or fillers. Pkt., 10 cts.; oz., \$1.00.

QUESNEL.—A variety whose high aromatic flavor is well known and very popular. For a pipe tobacco this has no equal and it is very extensively grown in Canada for this purpose. The leaf is of good size and shape and excellent quality. If you want a highly flavored tobacco, you cannot get a better one than this. Pkt., 10 cts.; oz., \$1.00.

PERFUME OF ITALY.—Very sweet scented. A good pipe and cigar tobacco. Per pkt., 10 cts.; oz., \$1.00.

GENERAL GRANT.—This variety ranks among the first in the manufacture of cigars. In addition to its other good characteristics, it is noted for its extreme earliness. Upon the market, it is very well known and popular, its products always being in demand. The size, shape and texture of its leaf help to make it an ideal cigar tobacco. Per pkt., 10 cts.; oz., \$1.00.
SMALL RED CANADIAN.—Fine flavored, small Canadian variety. Per pkt., 10 cts.; oz., \$1.00.

WHITE BURLEY.—Makes the best chewing tobacco. Per pkt., 10 cts.; oz., \$1.00.

LARGE HAVANA.—A heavy cropper. An early cigar variety. Per pkt., 10 cts.; oz., \$1.00.

SMALL HAVANA.—Per pkt., 10 cts.; oz., \$1.00.

CONNECTICUT.—The heaviest cropper. Per pkt., 10 cts.; oz., \$1.00.

BLUE PRYOR.—Per pkt., 10 cts.; oz., \$1.00.

YELLOW ORONOCA.—Per pkt., 10 cts.; oz., \$1.00.

PERSIAN ROSE.—Per pkt., 10 cts.; oz., \$1.00.

TURNIP

One ounce will sow about 150 feet of drill. Two pounds will sow one acre.

Extra Early Milan. The earliest Turnip for market gardeners. A flat, strap-leaved variety with white flesh. Skin white under ground and purple-red above. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.

WHITE MILAN.—The earliest white turnip. Same shape, size and equally as early as above, "white top." Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.

EARLY SNOWBALL.—A medium-sized, round, pure white variety, of excellent flavor. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

EARLY WHITE FLAT DUTCH, STRAP LEAVED.—Roots, medium sized, flat, white and sweet. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Golden Ball.—The most delicate yellow-flesh turnip we know of. Not large, but firm, hardy and of excellent flavor. As a table variety has no superior. Per pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

LARGE AMBER GLOBE.—Flesh yellow; fine grained and sweet, colour of skin yellow, with green top. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Gentlemen:—I have been using your seeds for some years and have always found them to give better results than any other kind.

(Signed) L. CARNELL,

c/o S. B. Harris,

Jan. 24, 1920.

Prospect St., St. John's Nfld.

NEW EVERBEARING STRAWBERRY

"Marvel of Bon Secours."

Fruit large, coxcomb shaped. Flesh juicy, perfumed, of a delicate flavour. Bears continuously from spring to autumn, but the fruit will be more abundant if part of the first flower stems produced are removed. Pkt., 25 cts.

TARRAGON

USES.—The tender shoots and the young leaves are often used in salads, and with steaks, chops, etc., especially by the French. They are often used as an ingredient in pickles. Stews, soups, croquettes and other meat preparations are also flavored with tarragon, and for flavoring fish sauces it is especially esteemed.

Probably the most popular way it is employed, however, is as a decoction in vinegar. For this purpose, the green parts are gathered preferably in the morning and after washing are placed in jars and covered with the best quality vinegar for a few days. The vinegar is then drawn off as needed. In France, the famous vinegar of Maille is made in this way.

The leaves may be dried in the usual way if desired. For this purpose they are gathered in midsummer. A second cutting may be made in September. Plants, 25 cts. each; \$2.50 per doz.



Early Snowball Turnip

Sweet Pot and Medicinal Herbs



Basil

Sage

Marjoram

Savory

Thyme

ANISE.—An annual plant of which the seeds are used for flavoring. Per pkt., 10 cts.; oz., 40 cts.

BALM.—The leaves are used as a condiment and for flavoring spirits. Per pkt., 10 cts.; oz., 50 cts.

BASIL, SWEET.—Used for flavoring. Pkt., 10 cts.; oz., 50 cts.

BORAGE.—The flowers are used to ornament salads, and for Bee pasture. Per pkt., 10 cts.; oz., 90 cts.

CARAWAY.—The ripe seeds and sometimes the leaves are used for flavoring. Per pkt., 10 cts.; oz., 25 cts.

CORIANDER.—The seeds are used for flavoring and in the manufacture of confectionery and liquors. Per pkt., 10 cts.; oz., 25 cts.

DILL.—The seeds are used as a condiment and in the manufacture of pickles and sometimes of jams and preserves. Per pkt., 10 cts.; oz., 25 cts.

FENNEL.—The clasping base of the leaves is used like celery, uncooked, and the seed is sometimes used as a seasoning. Per pkt., 10 cts.; oz., 25 cts.

HOREHOUND.—This is used chiefly and exclusively as a cough remedy. Per pkt., 10 cts.; oz., 90 cts.

HYSSOP.—The young tender leaves are used occasionally as a condiment and for seasoning. Per pkt., 10 cts.; oz., 80 cts.

LAVENDER.—Sometimes used in seasoning, but chiefly in perfumery. Per pkt., 10 cts.; oz., \$1.25.

PENNYROYAL.—Used chiefly as an insecticide. Per pkt., 10 cts.

RAMPION.—A biennial plant, both root and leaves are used in salads. Per pkt., 10 cts.

ROSEMARY.—Used for perfumery. Yields an aromatic oil. Per pkt., 10 cts.; oz., 80 cts.

SAGE.—The leaves are extensively used in various culinary preparations. Per pkt., 10 cts.; oz., \$1.25.

SAFFRON.—Per pkt., 10 cts.; oz., 40 cts.

SAVORY, SUMMER.—Used only for seasoning. Per pkt., 10 cts.; oz., \$1.25.

SAVORY, Winter.—Used same as the above. Per pkt., 10 cts.; oz., \$1.25.

SKIRRET.—The roots of the plant, which is of the carrot family, are tender, sweet and slightly farinaceous. They are used like salsify. Per pkt., 10 cts.; oz., 40 cts.

SORREL BROAD LEAVED.—Cultivated for its acidity, used in salads. Per pkt., 10 cts.; oz., 30 cts.

SWEET MARJORAM.—Per pkt., 10 cts.; oz., \$1.25.

THYME, Summer.—Both these plants are used for seasoning. Per pkt., 10 cts.; oz., \$1.25.

THYME, Winter.—Large perennial. Per pkt., 10 cts.; oz., \$1.25.

WORMWOOD.—Used as a tonic and for flavoring. Per pkt., 10 cts.; oz., \$1.20.

CULTURE.—Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distance, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor where they can dry quickly.

WILD RICE

WILD RICE (Zizania Aquatica).—As an attraction for Wild Ducks, Wild Rice is unequalled. For this reason, it is in great demand for planting in small lakes, ponds and slow-moving streams by gun clubs and owners of duck preserves. In order to obtain best results, it is necessary that the Water be not entirely stagnant. It grows in water from 6 inches to five feet in depth and requires a mud bottom. Our shipping arrangements are such that, as soon as the seed is gathered, it is stored in water in cold storage where it remains until sent out on order. If allowed to dry, it would lose its germinative powers. Seed may be sown in Autumn or Early Spring. Plants may be set out in May or June. Full cultural directions accompany each shipment.

Prices.—Seed, 1-16 Bushel, \$2.50; 1-8 Bushel, \$4.00; 1-4 Bushel \$7.75; Bushel, \$30.00. Plants.—\$9.00 per crate of several hundred plants.

VEGETABLE PLANTS AND ROOTS

ASPARAGUS GIANT EARLY ARGENTEUIL.—3 years old per 100 \$2.50.

ASPARAGUS (Other varieties).—3 years old; per 100, \$2.00.

CABBAGE.—In variety; per 100, \$1.25.

CAULIFLOWER.—Per 100, \$2.00.

CELERY.—Transplanted. Per 100, \$1.50.

CUCUMBER.—Per pot, 40 cts.

CHIVES.—20 cts. per clump.

HOP VINE ROOTS.—25 cts. each.

EGG PLANTS.—Per doz., 75 cts.

HORSE RADISH ROOTS.—Market price.

LEEKs.—75 cts. per 100.

LETTUCE PLANTS.—Best sorts, 75 cts. per 100.

MONTREAL NUTMEG MELON.—Per pot, 40 cts.

MINT PLANTS.—25 cts. each.

PEPPER PLANTS.—50 cts. per doz.

RHUBARB ROOTS.—25 cts. each; per doz., \$2.50.

TOMATO.—Large transplanted plants, 50 cts. per doz.; per 100, \$3.50.

TOBACCO PLANTS.—Per 100, 75 cts.

Ferguson's Combination Sprayer and Syringe

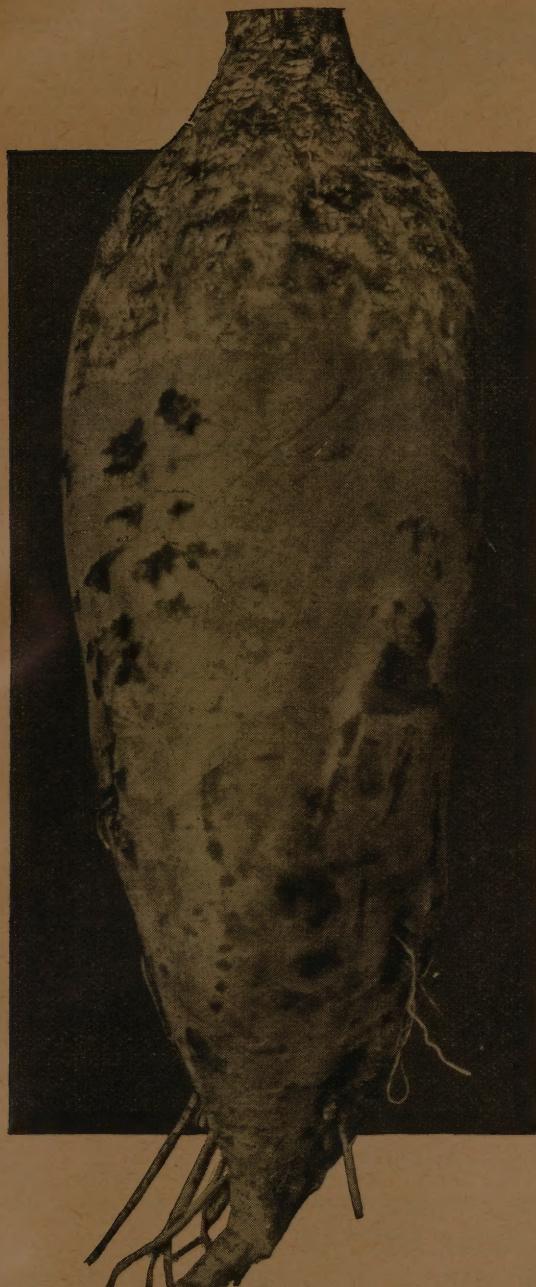


The only practical Greenhouse Combination Sprayer and Syringe on the market. The three different roses that go with each sprayer make it possible to either Water, Spray or Syringe at will by simply adjusting whichever rose is desired. Recommended as regards syringing under the foliage of plants where force is needed to keep down red spider, etc. Substantially made of brass, and can be screwed on the end of any hose, same as an ordinary nozzle. They are used for outdoor work as well as in greenhouses; nothing better to keep rose bushes, etc., clean. The long brass extension rod enables the user to reach otherwise inaccessible places, such as when spraying tree-ferns, palms, ferns, the foliage of vines, etc., and without getting thoroughly soaked. The simplicity, durability and great usefulness of this combination Sprayer and Syringe appeals to every florist and gardener. Whenever used it has given excellent satisfaction, and will no doubt become a necessity with every gardener. Used by the leading Florists and Gardeners in Canada and U. S. With three different sizes of Brass Roses: \$5.00.

SELECTED FARM SEEDS

MANGEL WURZEL

Six pounds of seed will sow one acre



New Yellow Mangel "Best of All." A wonderful improvement on all existing stocks of Yellow Mangels, being the heaviest cropper and easiest pulled, besides being of the very finest possible quality. Shape between intermediate and tankard; beautiful pale yellow skin with fine top. Selected by the introducers and growers, for very many years, before being now offered. The largest and best of all yellow mangels. Distinct from all advertised kinds. Per $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 80 cts. (post paid, $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., 90 cts.)

Danish Sludstrup. The Danish Government encourages the growing of root crops by offering certificates of merit to growers who select and produce sorts which are of distinctive value. Sludstrup is considered the best of all mangels, having been awarded a first-class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (post paid $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

D. & F's. Improved Mammoth Long Red.—Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Colour deep red, roots solid, tops small. Roots attain a large size. We received several reports last season of Mangels weighing 20 to 23 pounds each. Produces an immense bulk and tonnage. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

D. & F's. Golden Giant Intermediate. Flesh white firm and sweet, much liked by cattle. Easily lifted from the ground, producing enormous crops. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

YELLOW GLOBE.—Very productive, easily pulled. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 65 cts. (post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 75 cts.)

GOLDEN TANKARD.—Very productive and sweet, flesh yellow, tops and necks very small. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

RED GLOBE.—Similar to Yellow Globe, except in colour. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

LONG YELLOW.— $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

LONG WHITE.— $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

D. & F's. Giant Sugar Beet or Half Sugar White Mangel.—This strain of beets is very desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having higher nutritive value, being especially rich in sugar. Roots light bronze, green above ground, grayish white below with white flesh. On account of growing partly out of the ground and the long ovoid shape the crop can be harvested and stored easily and at less expense than any other root crop. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (Post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

D. & F's. Sugar Beet or Half Sugar Rose Mangel.—The skin is bright rose above ground and white below. Flesh white, sometimes tinged with rose. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (Post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

SUGAR BEETS

FERGUSON'S DANISH IMPROVED SUGAR BEET.

It is a recognized fact that the Danes are past masters in dairy farming, and, thanks to the hearty encouragement given to well-known seed specialists by the Danish Government, the Sugar Beet industry has been given a decided and invigorating impetus resulting in a marked improvement in the quality of Sugar Beets suitable for the production of saccharine and for stock feeding. The Danish improved is considered by many eminent authorities as the "Acme of Perfection" and laboratory tests show that it possesses a very superior percentage of sugar, making this

variety invaluable for stock feeding. The roots are of thick oval form tapering very gradually, pink in colour with white tip; a heavy cropper and at all points a most desirable variety to grow. Per $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (Post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

KLEIN WANZLEBEN.—The standard sugar factory beet and also very extensively used for feeding. It is said to be a great milk producer. Roots large, tapering, white, and mostly underground. A heavy yielder. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; lb., 60 cts. (Post paid, $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., 70 cts.)

Complete Catalogues of "PLANET JR." and "IRON AGE" Farm and Garden Tools for 1923 mailed on application.

SWEDE TURNIPS (Ruta Baga)

Sow in June in drills, two pounds to the acre.

Ferguson's Perfection.—

We consider this new Swede the finest of all introductions. It is globular in shape, symmetrical in form, bronzy purple in colour, of splendid quality, a quick grower and exceptionally heavy cropper. In appearance, it is quite distinct from any other variety in cultivation—not only as regards root—but its short neck, small top and light-coloured foliage distinguish it from other varieties and help to make a field of "Perfection" the most attractive crop of Swedes on the farm. $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., \$1.00. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., \$1.10.)

Ferguson's Perfect Model.—

We consider Perfect Model Swede to be one of the best recent introductions in roots. It is a selection of heavy cropping Purple Top Swede, with a small top, a long keeping Swede, and it is also remarkable for being the first in coming to maturity. Wherever we have sent out this grand selection on trial to our customers, it has given universal satisfaction. Per $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., \$1.00. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., \$1.10.)

D. & F's Improved Westbury Swede.—

This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size; skin is smooth and flesh a beautiful yellow colour and fine-grained. The flavor is good, being very sweet and tender. The best for market or home. Pkt., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., \$1.00.)

Elephant or Monarch.—It produces large oval-shaped roots, with small short neck, and relatively small tops, flesh of rich yellow; fine grained and of the finest quality. Per $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 80 cts. (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., \$1.00.)

Kangaroo. A very hardy Swede, similar in size and growth to the Elephant; colour a bronze green, possessing the heavy cropping features with the grand constitution of the best types of Bronze Green Top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed, and is consequently cold and backward. Extensively grown in the lower provinces of Canada on account of its great hardiness and good keeping qualities. Per $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts. (Post paid, $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., \$1.00.)

YELLOW FLESHED TURNIP

May be sown from the first week in July to middle of August, either after it is considered too late for Swedes, or on land of not sufficiently good quality to produce Swedes, or when there is an absence of a supply of manure.

PURPLE TOP YELLOW ABERDEEN.—Similar in quality to Green Top. Per $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 45 cts.; lb., 80 cts. (Post paid, $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts.)

GREEN TOP YELLOW ABERDEEN.—A hardy and excellent variety. Per $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 45 cts.; lb., 80 cts. (Post paid, $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts.)

Complete Catalogue of "SPRAMOTOR SPRAYING MACHINES" for the asking.



Ferguson's Perfection

D. & F's Favourite.

This is a strain of Purple Top Swede, selected to a smaller top and much shorter neck than is usually found, while the roots grow to a large size and are of the finest quality, and excellent for table use and stock feeding. Per $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., 90 cts. (Post paid, $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., \$1.00.)

Ne Plus Ultra.—

A bronze-top Swede of recent introduction. The handsome globe-shaped roots are uniform in shape and size; flesh, yellow, solid and fine grained. Per $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 48 cts.; lb., 90 cts.; (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., \$1.00.)

New Universal Purple Top.—

In form and growth it resembles the Westbury Swede. It is one of the very best shipping varieties on the market, while for cooking it excels all the ordinary Swedes. It is a heavy cropper, and the best to resist mildew. Per $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts.; (Post paid, pkt., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 55 cts.; lb., \$1.00.)

Well-Known Standard Varieties

	(post paid)					
	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	lb.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	lb.
Bangholm Purple Top....	30c.	50c.	90c.	35c.	55c.	\$1.00
Sutton's Champion Purple Top.....	30c.	50c.	90c.	35c.	55c.	1.00
Mammoth Clyde Purple Top.....	30c.	50c.	90c.	35c.	55c.	1.00
Drummond's Purple Top.	30c.	50c.	90c.	35c.	55c.	1.00
Laing's Improved Purple Top.....	30c.	50c.	90c.	35c.	55c.	1.00
Shamrock Purple Top....	30c.	50c.	90c.	35c.	55c.	1.00
Skirving's Improved.....	30c.	50c.	90c.	35c.	55c.	1.00

WHITE FLESHED TURNIPS

The varieties embraced in this class may be sown still later than the preceding, say from the middle of July to the end of August.

WHITE GLOBE.—Grows very large, is early and of fine quality. Per $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 45 cts.; lb., 80 cts. (Post paid, $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts.)

GREY STONE.—Grows to an immense size, is early, hardy and of excellent quality. Per $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 80 cts. (Post paid, $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts.)

LARGE WHITE FLAT NORFOLK.—Roots large, globe-shaped, slightly flattened and very white. A splendid variety for feeding stock. Per $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 80 cts. (Post paid, $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., 90 cts.)



FIELD CARROT

When ordered to be sent by mail, add 5c. per ¼ lb., 8c. per ½ lb., 12c. per lb., and 8c. for each additional lb.

D. & F's. Improved Intermediate White Carrot. Emphatically

the Carrot for Stock.—One of the very best field carrots because of its enormous productiveness and the ease with which it can be harvested. Roots about fourteen inches in length, smooth, very heavy at the shoulder but tapering regularly to the point; colour creamy white with light green crown. Flesh white, solid, crisp and of excellent quality for stock feeding. Per ¼ lb., 35 cts. ½ lb., 60 cts.; lb., \$1.00.

LARGE WHITE VOSGES—The root is large and very thick at the shoulder; much shorter than the White Belgian and thus more easily harvested; skin and flesh pure white; a wonderful cropper and of excellent feeding quality. Per ¼ lb., 35 cts.; ½ lb., 60 cts.; lb., \$1.00

WHITE BELGIAN (Improved).—A well-known variety of fine quality; most profitable for field culture. Per ¼ lb., 30 cts.; ½ lb., 50 cts.; lb., 80 cts.

GIANT GREEN TOP WHITE.—An improved white Belgian. Per ¼ lb., 35 cts.; ½ lb., 60 cts.; lb., \$1.00.

Danver's Half Long Stump.—The heaviest cropping red carrot. Per oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

PLEASE NOTE.—Prices on seeds below are subject to Market fluctuations.

Sunflower, Mammoth Russian.—Highly valued as an excellent and cheap food for fowls. It is the best egg-producing food known. It can be raised cheaper than corn. Four pounds of seed will plant an acre. Lb., 20 cts.; 10 lbs., \$1.60 (Post paid, lb., 30 cts.)

HORSE BEANS.—The beans are either boiled and fed to horses or ground into meal for cattle, and no grain will produce more beef or milk, while the straw is as good as Timothy hay for horses. Sow in drills—30 inches apart—1½ bushels per acre, in well-manured clay land or heavy loam, as possible. Market price.

White Kaffir Corn.—Makes nutritious food for stock and poultry. Kaffir Corn in the last few years has been generally sown with the Cow Peas. The Kaffir Corn helps to hold the Cow Peas up off the ground, thus causes a larger growth of Cow Peas, and both can be cut together, making an enormous yielding crop of most nutritious food. For a forage crop when sown by itself, Kaffir Corn should be sown broadcast at the rate of from ¾ to 1 bushel per acre. When sown for a forage crop, either by itself or with Cow Peas, the crop should be cut before it is headed out. Market price.

Soja or Soy Beans.—This valuable legume is attracting more attention each year. Soja Beans is an ideal crop for turning under to improve worn out soils. As a fodder crop it should be fed in conjunction with corn in proportion of one part Beans to five of Corn so as to reduce the excess of protein in the former. It should be cut for hay before the stems become too woody, otherwise the nutritive value of the feed will be endangered. Sow at the rate of 2½ bushels per acre and in drill 30 inches apart. Market price.

Early Amber Sorghum.—Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1¼ bushels per acre. When sown in drills sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart. Market price.

DWARF ESSEX RAPE

Essex rape makes the best of pasturage for cattle, calves, sheep and swine.

Make the soil very fine, and sow 4 to 5 pounds of seed broadcast and harrow well in; or from 1 to 2 pounds in drills 24 to 30 inches apart. When in drills keep clean at early stages by cultivation. There is danger of bloat in cattle and sheep if turned in on crops when hungry to eat their fill. Per lb., 25 cts.; in lots of 10 lbs., \$2.20. (Post paid, lb., 35 cts.)



Complete Catalogue of SPRAYING MACHINES, SEED SOWERS and CULTIVATORS for the Asking

MILLET

Japanese Barnyard.—This is the best of all the millets, growing fodder of finest quality. For feeding green, it may be cut from day to day as needed until the seed begins to ripen. During this period it is much relished by stock, cattle especially consume it without waste before touching green fodder corn, and cows fed on it invariably increase in milk. Sow 15 lbs. of seed per acre if broadcasted, or if in drills, 12 to 18 inches apart, use 10 to 12 lbs. per acre. Market price.

COMMON MILLET.—Very early; height, two to three feet. Market price.

GERMAN OR GOLDEN MILLET.—Medium early; height from three to five feet; heads closely condensed; spikes very numerous, seeds round, golden yellow, in rough, bristly sheaths. Market price.

Hungarian Grass Millet.—Early; height two to three feet; abundant foliage and slender head; withstands drought and yields well on light soils. Market price.

VETCHES

SAND, WINTER or HAIRY (Vicia villosa).—A very hardy forage plant growing well on soils so poor and sandy that they will produce but little clover. Its nitrogen-gathering properties make it particularly valuable as a soil renewer and enricher, but it is not recommended for land which is to be cultivated for grain crops on account of its tendency to volunteer and persist. The plants, when matured, are about forty inches high and if cut for forage as soon as full grown and before setting seed, they will start up again and furnish even a larger crop than the first. Seed round, black and should be sown one to one and one-half bushels per acre. Market price.

COMMON VETCHES or BLACK TARES.—A perennial pea-like plant grown as an annual. Desirable as a forage plant and valuable as a cover-crop for orchards. Culture same as for field peas. Sow two bushels per acre. Market price.

— Write us for prices where not given —

QUALITY CLOVERS, GRASSES, CORN AND GRAIN

CORN

Wisconsin No. 7.
Imp. Leaming.
Mastodon.
White Cap Yellow.
Champion White Pearl.
Red Cob.
Early Northern.
King Phillip.
Canada Yellow Flint.
Early Compton.
" Longfellow.
" North Dakota.
Evergreen Sugar.

OATS

New Leader.
Gold Rain.
The Seger.
Reg. Banner.
Reg. Abundance.
Reg. Ligowa, etc.

WHEAT

Marquis.
Red Fife.
White Fife.
White Russian.
Red Bearded.

BARLEY

O. A. C. 21.
Mensury.
Bark.
Duckbill.
White Hullless.
Black Hullness.

BUCKWHEAT

Japanese.
Silver Hull.
Rye Spring.
Common Flax.
Primost Flax.

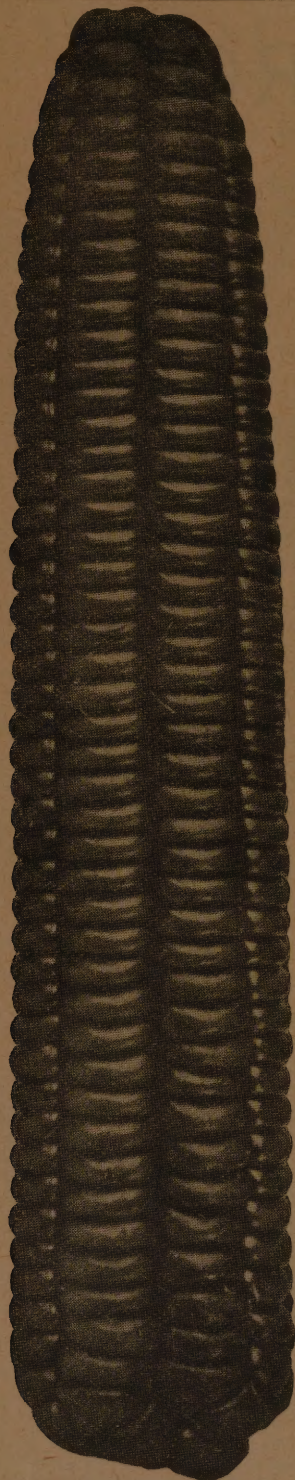
PEAS

Arthur.
Golden Vine.
Canadian Beauty.
White Marrowfat.

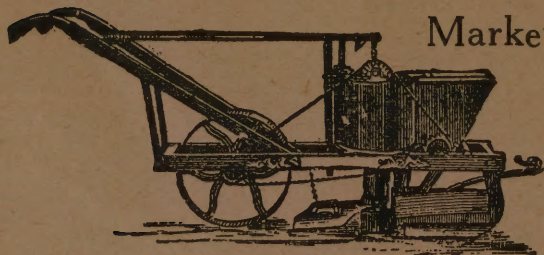
CLOVER..... Medium Red.
"..... Mammoth Red.

"..... Alsike.
"..... Crimson.
"..... White Dutch.
"..... Alfalfa.
"..... Sweet.

GRASSES..... Orchard.
"..... Kentucky Blue.
"..... Canada Blue.
"..... English Rye.
"..... Italian Rye.
"..... Crested Dogstail.
"..... Festuca Heterophylla.
"..... Hard Fescue.
"..... Sheep Fescue.
"..... Meadow Fescue.
"..... Creeping Bent.
"..... Tall Meadow Fescue.
"..... Hungarian.
"..... Wood Meadow.
"..... Red or Creeping Fescue.
"..... Rhode Island Bent.
"..... Sudan Grass.
"..... Quack.
"..... Timothy.
"..... Permanent Pasture.



Early Northern



Queen Corn Planter



White Cap Yellow

Market Conditions

MAKE IT

IMPOSSIBLE TO
GIVE FIRM PRI-
CES ON ABOVE
SEEDS AT THE
TIME THIS CATA-
LOG GOES TO
PRESS IN DECEM-
BER. SEND FOR
OUR DESCRIPT-
IVE SPECIAL PRI-
CE LIST.



Two Splendid Borders of Hardy Perennials

FLOWER SEEDS

PRACTICAL DIRECTIONS for CULTURE, TREATMENT, ETC.

ANNUALS

Strictly speaking, "annuals" are plants which live but for one season. For general purposes, however, many other plants usually grown from seeds sown each year are placed under the same heading, being classed as hardy, half-hardy and tender annuals. While annuals are valuable to all who have outside planting to do, to the amateur gardener they are absolutely indispensable. Being almost endless in variety, moderate in price, and easily grown from seeds, they will, if a judicious selection is made, give a gorgeous display of flowers in the garden, from early summer till late in the fall.

The usual season for sowing Annuals is from 1st of March to the first week of June. On account of the shortness of the season, it is advisable to sow a good many varieties as early in the season as possible, including Pansies, Phlox Drummondii, Verbenas, Petunias, Stocks, Dianthus, and others of a comparatively slow growing character. Failing a greenhouse for this purpose, there is nothing to beat a good hot-bed; or, if it is out of the question, very good success can be had by sowing them in the house, in boxes filled with light sandy soil, giving all the light and air possible until such time as they can be placed in the open air.

Almost any kind of light soil will do for sowing annuals, and, as the majority of them germinate freely, the seed should not be sown too thick. Neither should the plants in the beds or boxes be allowed to get overcrowded; it is better to pull some of them out and throw them away, unless all are required, in which case they may be transplanted into other beds or boxes. As to the right depth to sow, the sower must be guided by the size of the seed. The smaller the seeds the less covering they will require. All plants raised under any form of shelter must be thoroughly hardened, by being exposed to the sun and air for at least several days before they are transferred to the open ground.

The proper time for planting varies with the season, but they should never be put out too early. There is a popular notion, amounting almost to a superstition with some people, that if summer flowering plants are not set out by May, it is useless to plant them at all. There never was a greater fallacy. Most of the failures in tender crops might be traced to too early sowing or planting. In nine seasons out of every ten, plants set out the first week in June will give far better results than those planted a week or ten days earlier.

If annuals are to be sown in the open ground, no time should be lost in getting in the seeds, once the soil is warm enough to receive them. Among the varieties which do best sown this way are Sweet Peas, Portulaca, tall and dwarf Nasturtiums, Convolvulus, Alyssum, Candytuft, Mignonette, and any other which from their nature are difficult to transplant successfully. These should all be sown in the places where they are to remain to flower, thinning the plants to the required distance apart as soon as they are large enough to handle.

Annuals as a class delight in an open, well enriched soil. Still no one need be deterred from attempting their cultivation because he fancies his soil will fail to meet their exact requirements. Many varieties will grow and flower under the most adverse conditions, and many a plot of ground, both in town and country, which up to the present has grown little else but weeds, might be made beautiful with this class of plants for a trifling amount of labour and expense.

BIENNIALS AND PERENNIALS

may be sown at the same time as Annuals of the same degree of hardiness and treated similarly, except such of the hardy kinds as do not bloom the first year. These last may be thinned out or removed from the seed beds as soon as they are well rooted and planted either in different parts of the garden, or into a nursery bed in rows a foot or more apart. Some Biennials and Perennials may be sown in July and August or as soon as the seeds are ripe. If the plants get strong enough before the setting in of winter, most of them will flower the next summer.

Ferguson's Quality Flower Seeds

The flower seeds we offer are the best strains of the best varieties and are supplied to us by the most celebrated growers in Europe and America, and is the best that money can buy.

"Say it with Flowers"

Flowers beautify your home grounds, they are essential to happiness and what money is expended for them will bring full measure of enjoyment and satisfaction to the purchaser. More flowers on the farm will lessen the desire of girls and boys to leave for the city.

ASTERS

Asters have no equal for Autumn show flowers. They do best in a deep, rich soil. The seed may be sown in a hotbed or indoors in boxes at the end of March, or outdoors in May. Sown in shallow boxes in a hotbed, the seeds are best covered with sand and watered thoroughly, but seldom. So treated, disease is less prevalent. The frame or bed should be somewhat shaded, if possible, until the plants are up, which will be within a week after sowing. Now the fast advancing plants, must have all the light and air possible and should be freely exposed to open air conditions, to wind, rain or shine even light-night frosts will do no harm. An altogether superior grade of Aster seedlings is thus obtained, less liable to fall victims to damping-off stem-rot, Aster-yellows and other diseases than any of the young plants, weakened by coddling and fondling. The most important point in all Aster culture is this: Never let them have a check either because of lack of water, crowding, or too poor soil. Seedlings should not be transplanted into beds or borders until they are strong, sturdy, and of some size, with at least five true leaves beside the two seed leaves. They are then carefully lifted and planted in rows, from fifteen inches to two feet apart with a distance of from twelve to twenty inches between plants in rows. Asters may be grown with good success in partially shaded places, as under high trees; they are often improved by shading the blooming plants with cheesecloth.

Beauty Asters.—The flowers are similar in growth and type to the well-known Late Branching Asters, but they bloom later and are carried on much longer, heavier stems. The plants are robust, $2\frac{1}{2}$ to 3 feet tall, bearing immense flowers 4 to 5 inches in diameter, gracefully carried on strong stems. They are invaluable as cut-flowers and fill the season between other late Asters and early chrysanthemums.

19. American Beauty.—Bright rosy-carmine the shade of the world famous American Beauty rose. Pkt., 15 cts.

21. AMERICAN BEAUTY, Lavender.—Beautiful lavender. Pkt., 15 cts.

22. AMERICAN BEAUTY, Sept. Beauty.—Delicate, soft shell pink. Pkt., 15 cts.

23. AMERICAN BEAUTY Rose.—A pleasing bright rose. Pkt., 15 cts.

24. AMERICAN BEAUTY Crimson.—Dark crimson. Pkt., 20 cts.

25. AMERICAN BEAUTY Peach Blossom.—Very desirable. Pkt., 20 cts.

26. MIXED.—All colors mixed. Pkt., 15 cts.

27. A packet each of the above 7 colors, 90 cts.

KING ASTERS

A magnificent class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of any other class. The plants are large and the stems exceptionally long and strong.

28. CRIMSON KING.—The richest and deepest crimson variety known to us. Pkt., 15 cts.

29. LAVENDER KING.—Soft lavender blue. Pkt., 15 cts.

30. PINK KING.—An attractive delicate shell pink. Pkt., 15 cts.

31. ROSE KING.—A beautiful brilliant rose variety. Pkt., 15 cts.

32. VIOLET KING.—A pleasing soft shade of violet. Pkt., 15 cts.

33. WHITE KING.—Pure White. Pkt., 15c.

34. COLLECTION of a packet each of the above six varieties for 75 cts.

35. KING MIXED.—Contains all the colors. 15 cts. per pkt.; 80 cts. $\frac{1}{4}$ oz.

36. Sensation, New Red.—Entirely different from all others, and in a class of its own. It is the reddest of all Asters, the color being a dark, rich garnet, which glistens in the sunshine. Flowers very double, 3 in. across, and borne freely on long stems. It blooms with the late sorts; branching habit. $1\frac{1}{2}$ ft. Pkt., 15 cts.

38. Astermum Asters.—A strain of Comet Asters, which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high and come into bloom a little earlier than the Crego Giant. We offer three fine colors, lavender, rose pink and white. Each color, pkt., 15 cts.

39. MIXED.—Contains all the colors. Pkt., 15c



Crego Aster

PLEASE ORDER BY NUMBER

When ordering flower seeds it is not necessary to write out the name of the varieties wanted, simply give the number, the quantity and price.



Mikado Aster

41. Lady Roosevelt.—The flower resembles the incurving chrysanthemums; the color is a gorgeous pink, of marvelous beauty. The mammoth growth of plant insures extra long stems; 20 to 30 inches long is very ordinary; and the flowers are very large. Pkt., 15 cts.

42. Dreer's Crimson Giant. A late-branching variety of upright growth with extra large, densely double flowers of rich blood-crimson; makes a brilliant bed or border and is splendid for cutting. Pkt., 15 cts.

43. Vick's Enchantress Pink.—Its vigorous habit of growth, the profusion of good, strong flowering stems, together with the size and loose graceful effect of the flower, make this variety very desirable. The flowers are large and very double and have the delicate shade of the Pink Enchantress Carnation. The broad flat petals give a soft effect, which is extremely pleasing. Pkt., 15 cts.

44. Peerless Light Pink. The finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September. Pkt., 20 cts.

MIKADO ASTER

A Comet Aster of great beauty. The flowers are of immense size. The petals are curled and twisted in the centre of the flower.

- 45. CRIMSON.—A deep rich glowing color. Pkt., 15 cts.
- 46. DARK VIOLET.—A splendid shade of violet. Pkt., 15 cts.
- 47. LAVENDER.—A clear light lavender. Pkt., 15 cts.
- 48. PINK ROCHESTER.—A beautiful shade of lavender Pink. Pkt., 15 cts.
- 49. DEEP ROSE.—A brilliant rose color. Pkt., 15 cts.
- 50. WHITE.—Pure white of immense size. Pkt., 15 cts.
- 51. MIXED.—Finest mixed. Pkt., 15 cts.
- 52.—A packet each of the six colors, 75 cts.

IMPROVED CREGO ASTERS

The Crego Asters have large flowers, with long, narrow loose petals called Comet type and grow in a variety of colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the late branching.

- 53.—Azure Blue...Pkt. 15c.
- 54.—Shell Pink... 15c.
- 55.—Rose Pink... 15c.
- 56.—Deep Rose... 15c.
- 57.—Crimson...Pkt. 15c.
- 58.—Lavender... 15c.
- 59.—Purple... 15c.
- 60.—White... 15c.
- 61.—Mixed... 10c.
- 62.—A packet each of the seven colours for 85 cts.

WHITE PERFECTION ASTER

63.—A fine new midseason Aster of tall, upright growth, carrying about twelve large long-stemmed pure white double flowers about 4 inches in diameter, of perfect form, the broad, slightly folded petals being arranged in whorled rows, suggestive of some Dahlias. Pkt., 20 cts.

IMPERIAL ASTERS—Daybreak Type

The most popular and best known Medium Early Aster ever grown.

Vick's Daybreak, introduced in 1897, and Vick's Purity, introduced in 1899, are now the best known and most widely used of all midseason Asters. We believe that the various other colours will prove equally popular when they are as well known.

- 65. Giant Purity. (White Daybreak).—Very free flowering; plants are literally one mass of snow white flowers. Pkt., 15 cts.
- 66. Pink Daybreak. Flowers large, double and of a delicate pink. Pkt., 15 cts.
- 67. Lavender Daybreak. Large flowers of a beautiful shade of lavender. Pkt., 15 cts.
- 68. Rosy Pink. (Rose Daybreak).—The flowers are of a handsome shade of rose. We consider it one of the best of the Daybreak type. Pkt., 15 cts.
- 69. Purple. A rich shade of purple of the Imperial class. Pkt., 15 cts.; ¼ oz., 80 cts.
- 70. Fiery Scarlet. Very showy. Pkt., 15 cts.
- 71.—A packet each of the 6 colors, 60 cts.

OSTRICH FEATHER ASTER

This magnificent aster produces flowers of immense size, made up of long loosely-formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded, and allowed to develop in water in a cool room.

- 74.—Light Blue...Pkt. 10c.
- 75.—Deep Rose... 10c.
- 77.—Rose Pink... 10c.
- 78.—Dark Blue... 10c.
- 79.—Shell Pink...Pkt. 10c.
- 80.—Vivid Crimson 10c.
- 81.—Pure White... 10c.
- 82.—Mixed ¼ oz., 75c. pkt. 10
- 83.—A collection containing a packet each of 7 colors, 60 cts.

THE ROYAL EARLY FLOWERING ASTER

An excellent strain developed from the Branching. The best for general purposes. The flower stems branch from the plant close to the ground, and are free from laterals. Comes into bloom following the Queen of the market.

- 84.—Bright Rose...Pkt. 15c.
- 85.—Rose Pink... 15c.
- 86.—Lavender Pink 15c.
- 87.—Shell Pink... 15c.
- 88.—Pure White...Pkt. 15c.
- 89.—Purple... 15c.
- 90.—Mixed ¼ oz., 80c. " 10c.
- 91.—A packet each of the 6 colors, 75 cts.

VICK'S LATE BRANCHING ASTERS

This vigorous type forms broad, handsome bushes, covered with large, long-stemmed and long petalled flowers that are graceful and feathery in effect.

- 94.—Pure White...Pkt. 10c.
- 95.—Deep Rose... 10c.
- 96.—Light Rose... 10c.
- 97.—Purple... 10c.
- 98.—Pink... 10c.
- 99.—Lavender...Pkt. 10c.
- 100.—Crimson... 10c.
- 101.—Peach Blossom 10c.
- 102.—Mixed... 10c.
- 103.—The collection of 8 varieties for 70 cts.

QUEEN OF THE MARKET

An early flowering double aster of good size.

- 105.—White...Pkt. 10c.
- 106.—Crimson... 10c.
- 107.—Pink... 10c.
- 108.—Rose... 10c.
- 110.—Lavender...Pkt. 10c.
- 111.—Light Blue... 10c.
- 112.—Dark Blue... 10c.
- 113.—Mixed ¼ oz., 75c. " 10c.
- 114.—A packet each of the 7 colors, 60 cts.

TRUFFAUT'S PEONY PERFECTION

Handsome Aster grows stiffly erect and about 18 inches tall. The class is remarkable for the brilliant colors of its incurved flowers.

- 116.—Snow-White.Pkt. 10c.
- 117.—Rose... 10c.
- 118.—Crimson... 10c.
- 119.—Blood Red... 10c.
- 120.—Brilliant Rose... 10c.
- 121.—Dark Blue...Pkt. 10c.
- 122.—Light Blue... 10c.
- 123.—Mixed... 10c.
- 124.—A packet each of the 7 colors, 60 cts.

PLEASE ORDER BY NUMBER—When ordering flower seeds it is not necessary to write out the name of the varieties wanted, simply give the number, the quantity and price.

ASTERS—(Continued)

EARLY WONDER ASTERS

This is the best extra early Aster. If sown in March can be had in bloom before the close of June. The flowers are of good size, quite double, and are borne on good, long, stiff stems, which, added to their extremely early flowering, makes them of great value for cutting.

- 128.—White. Pkt., 15 cts.
 129.—Rose. Pkt., 15 cts.
 130.—Dark Blue. Pkt., 15 cts.
 134.—A packet of each for 35 cts.

135. Lavender Gem. One of the most beautiful Asters. It is of true Comet type, with large artistic, loosely-arranged flowers on long wiry stems of the most charming shade of lavender imaginable. Per pkt., 15 cts.

136. Victoria or Washington. Plants grow strong and robust, bearing flowers of enormous size, very double, showy and massive, with recurved petals. Choicest mixed. Pkt., 15c.

DWARF CHRYSANTHEMUM FLOWERED

A large flowering Dwarf Aster, very double. 1 foot. Excellent for ribbon borders, beds or pots.

- 138.—Scarlet.....Pkt. 15c. 141.—Peach Blossom.. 15c.
 139.—Light Blue... 15c. 142.—Rose..... 15c.
 140.—Dark Blue... 15c. 143.—Mixed..... 10c.
 144.—A packet each of the 5 colours, 65 cts.

147. Ferguson's Superb Mixed Aster.

The mixture comprises the finest varieties of large-flowered Asters, including Victoria, Giant Crego Comet, Vick's Branching, Peony-flowered, Hohenzollern, Washington, King Asters, Imperial and others, and the best colours of these. This combination enables the purchaser to get in a single packet a choice and varied selection of the most splendid Asters in cultivation. Oz., \$3.50; 1-8 oz., 50 cts.; pkt., 15 cts.

NEW SINGLE ASTER "ELEGANCE"

Of compact pyramidal habit, the plants bear many long-stemmed single flowers with small disc and very long wavy petals. Useful both for the garden and for cutting. The best single aster yet raised.

150. "Gen'l Joffre." The color a brilliant crimson-scarlet, makes a fine addition to these beautiful, long petaled, single Asters. So useful as a cut flower. Pkt., 20 cts.

- 151.—Dark Blue...Pkt. 15c. 153.—White.....Pkt. 15c.
 152.—Lavender... 15c. 154.—Mixed..... 15c.
 155.—A packet each of the above 4 colors, 55 cts.

157. Perennial Asters.—(Starworts or Michaelmas Daisies).—Single-flowering hardy, herbaceous plants, thriving in any good garden soil. If sown early in the Spring, they will flower the first season. Mixed colours. Pkt., 15 cts.

158. Aster Sub Coeruleus. (Perennial) New. This is a very hardy species of a Perennial Aster. The flowers are a beautiful mauve and similar in form to a Marguerite. They are borne on long stems and are often more than 3 inches across. These should be in every garden, as they bloom profusely from the end of June to October, and are invaluable as cut flowers. It can be grown easily in the greenhouse. Height 1½ to 2 ft. Per pkt., 25 cts.



Late Branching Aster

165. Abronia, Umbellata. The Abronias are trailing plants with prostrate branches bearing clusters of sweet, scented flowers, very much like Verbenas. The seed should be started under glass, first removing the husky covering. Annual. Rose lilac with white eye. Pkt., 15 cts.

166. Abutilon. Flowering Maple. Elegant flowering half hardy shrubs of strong growth and easy cultivation, suitable for house in winter and garden in summer. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season. Of choice varieties and colours. Per pkt., 20 cts.

167. Achillea, Ptarmica, "The Pearl."

One of the best white perennials, bears a profusion of small, double, white flowers during the entire season. Fine for cutting. Height, 2½ feet. Pkt., 10 cts.; 1-8 oz., \$2.00.

ACONITUM.—Hardy perennials. Showy spikes of hood shaped flowers, 4 feet. June to September.

169—WILSONI.—This recent introduction from China, with large pale-blue trusses, is the latest flowering of all the Monk's-Hoods. It attains a height of about 4 feet. After the terminal flower truss is over, lateral shoots are produced which continue flowering until late in the season. Pkt. 25 cts.

169—NAPELLUS.—Blue. Pkt., 15 cts.

170. Adonis, Aestivalis. (Flos. Adonis)

Handsome plants, with showy flowers, and of easy culture in any soil. Seed should be sown early. Annuals. Scarlet. 1 foot. Pkt., 10 cts.

171. Acroclinium.—One of the most beautiful and valuable everlasting flowers and grown extensively for winter bouquets. Sow in hot beds and transplant. Annuals.

Double mixed.—Pkt., 10 cts.



Sweet Alyssum

AGERATUM. — Half-hardy annuals especially well adapted to edge large beds of Geraniums, Salvia, Coleus or Cannas. Flower continuously throughout the summer. The seed should be sown in hot-bed or light window.

178. Little Blue Star.—Exceedingly dwarf and pretty plants densely covered with bright blue flowers; height, 5 inches. Pkt., 15 cts.

179. Blue Perfection.—This is the darkest colored of all large flowering Ageratums. Colour deep amethyst-blue, compact growth, fine bedder. Pkt., 10 cts.

180. LITTLE DORRIT.—A mass of azure blue flowers, six inches high and one foot through. Pkt., 10 cts.

181. LITTLE DORRIT, WHITE.—Same as above, except in colour of flower. Per pkt., 15 cts.

182. Rosy Morn.—Fine for bedding or edges of borders, and producing a profusion of beautiful deep pink-coloured flowers, 6 inches. Pkt., 15 cts.

183. AGROSTEMMA.—**COELI ROSA.** (Rose of Heaven).—Free blooming and attractive plants, with velvety foliage and pretty rose flowers, 8 inches. Hardy annual. Per pkt., 10 cts.

184. CORONARIA (Rose Campion).—Free blooming and pretty. Hardy perennial. Pkt., 10 cts.

ALYSSUM. One of the most popular hardy annuals, used especially for edging and also valuable for cutting on account of the fragrance of flowers.

188. Lilac Queen.—A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties. Per pkt., 15 cts.

189. Little Dorrit. A grand improvement on the already much grown variety, "Little Gem," being much more compact. This new variety forms a perfect little bush with miniature white rocket flowers. A perfect gem for borders or beds. Pkt., 15 cts., oz., \$1.25 cts.

190. LITTLE GEM.—A dwarf, compact variety, not over six inches high, bearing its pure white fragrant flowers in the greatest profusion during the entire summer. Per pkt., 10 cts.; oz., \$1.00.

191. MARITIMUM (Sweet).—Flowers small and sweet. Per pkt., 10 cts.; oz., 50 cts.

192. SAXATILE COMPACTUM.—Hardy perennial ten inches high, compact habit, golden-yellow flowers. The popular name is Gold Dust. Per pkt., 15 cts.

AMARANTHUS. Brilliantly foliaged annuals, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants, among shrubs, or for the centers of large beds. Do not grow them too closely together, but give them sufficient room to develop their full beauty. When flowered in small pots under glass they are very charming. Seed should be sown in the house or in a hot-bed.

195. Sunrise. Bronzy crimson foliage, shading off to brilliant scarlet leaves on top of the stalk, the lower leaves having a scarlet band through the centre. 2½ feet. Pkt., 15 cts.

196. TRICOLOR SPLENDENS.—An improvement on the old sort, of more brilliant coloring. 2½ feet. Per pkt., 10 cts.

197. CRUENTUS (Prince's Feather).—3 feet. Per pkt., 10 cts.

198. CAUDATUS (Love Lies Bleeding).—Blood-red, and of drooping habit. 3 feet. Pkt., 10 cts.

199. AMMOBIUM. **ALATUM GRANDIFLO-**
RUM. — Hardy annual.

Everlasting immortelle. The plant grows 3 feet high, very erect, broadly winged leaves and branches. Flowers pure white, 1 inch across. July to October. Pkt., 10 cts.

200. ANCHUSA, Dropmore Variety.

New. One of the best hardy perennials. The bright blue, forget-me-not-like flowers are borne on graceful stems during the entire season until late in the fall. It is a great improvement on the existing varieties. 4 to 5 feet. Pkt., 15 cts.

201. ITALICA.—Hardy perennial. Deep blue, 3 feet. June to September. Pkt., 20 cts.

ANEMONE. A very pleasing hardy perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets.

202. St. Brigid. (Irish Anemone).—A really beautiful strain of Anemone. Enormous blooms the size of tulips, in a great variety of striking colours.

As pot plants for winter flowering they are superb.—Sown in June and potted on, they will produce fine specimen plants for Christmas-time. Pkt., 20 cts.

203. ARMERIA, Formosa. Hardy perennial. Excellent for edging or borders. Dwarf plant of easy culture, forms evergreen tufts of bright green foliage, and producing innumerable pink flowers in dense head on stiff, wiry stems. 6 inches. July to September. Pkt., 15 cts.

I should like to say that we have found your seeds most satisfactory. I should like to mention especially the annual larkspur and Clarkia which were very fine and we grew them together. They made a most beautiful bed and were greatly admired.

(Signed) MISS CARRIE E. HOLMAN,

May 5th, 1922

Summerside, P. E. I.



Ageratum



Antirrhinum

ANTIRRHINUM

(SNAPDRAGON)

One of the finest flowers for cutting in existence, bearing long spikes of gorgeously coloured flowers. It is also grown extensively under glass in the Winter. Seed should be sown in the house from February on or in hotbed from March onward.

216. GIANT VARIETIES.—Mixed. Pkt., 10 cts.

217. GIANT DELICATE PINK.—Pkt., 10 cts.

219. GIANT WHITE.—Pkt., 10 cts.

220. GIANT SCARLET.—Pkt., 10 cts.

221. GIANT YELLOW.—Pkt., 10 cts.

SEMI-DWARF VARIETIES

222. CHOICEST MIXED. — From over 30 varieties. Pkt., 10 cts.

223. DAPHNE.—Deep rose with white throat and lip. Pkt., 15 cts.

224. QUEEN OF THE NORTH.—Grows 1½ foot and covered with large white flowers. Pkt., 15 cts.

225. GOLDEN QUEEN. — Very large flower, rich golden yellow. Pkt., 15 cts.

226. CRIMSON KING.—Bright crimson. Pkt., 15 cts.

New Intermediate Varieties

The following varieties are very large flowering and exquisite in coloring. 15 to 18 inches high.

228. ADMIRATION. — Bright scarlet, white throat. Pkt., 15 cts.

229. BONNY LASS. — Delicate pink, white throat. Pkt., 15 cts.

230. GOLDEN BEAUTY. — Fine, rich golden yellow. Pkt., 15 cts.

231. GOLDEN MORN. — Reddish gold, with golden lip. Pkt., 15 cts.

232. MAUVE BEAUTY.—Beautiful, rosy mauve. Pkt., 15 cts.

233. PINK QUEEN.—Lovely pink, yellow lip, enormous spikes. Pkt., 15 cts.

234. Nelrose.—The new American variety, much exhibited at the London shows and recipient of an Award of Merit from Royal Horticultural Society on April 21 last. Flower silver pink, recommended for culture under glass for winter flowering, produces long stems, invaluable for cutting, and the flowers stand well in water. Pkt., 25 cts.

AQUILEGIA - Columbine

The well-known Columbine or Wild Honeysuckle. Thrives well with ordinary garden culture, but is quite at home under the spray of a fountain or by the water side. The plants form large clumps from one to two feet in diameter, and produce a large number of flowers. Flowers early in spring. Seeds may be sown in open ground. Perennial.

237. D. & F.'s Long Spurred Hybrids. This is allowed to be the finest strain ever offered and is the result of over 50 years' careful hybridization.

The blooms are exceptionally large and of perfect form, and the colours range from whites, creams, yellows, mauves, blues, purples, pinks and reds. The shades are all distinct, there are no jarring tints and all form a most harmonious mass of colour, rarely met with in any other plant.

Nothing exceeds the beauty of a bed of these new hybrids of Aquilegia, or call them by their old name, the Columbine. They last long in bloom and no flowers are more elegant and graceful for table decorations. Pkt., 25 cts.

238. ROSE QUEEN.—Beautiful flowers of light to dark rose with white centre and yellow anthers, a most delicate combination of colours. Pkt., 15 cts.

239. CHRYSANTHA.—A beautiful, large flowered, canary-yellow variety. Excellent, 3 feet. Per pkt., 15 cts.

240. SKINNERI.—Scarlet, tipped with yellow; a very handsome species; height 2 feet. Pkt., 15 cts.

241. COERULEA.—Flowers large, sky-blue and white. Pkt., 15 cts.

242. CALIFORNICA HYBRIDA.—Large yellow flowers, dark orange spurs, one of the best. Per pkt., 15 cts.

243. NIVEA GRANDIFLORA. — White, semi-double. Per pkt., 15 cts.

244. DOUBLE MIXED.—Pkt., 15 cts.

248. ARABIS, Alpina

The earliest, prettiest spring flower. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edgings, withstands the drought and is always neat; 6 inches. Hardy perennial. Per pkt., 10 cts.; ¼ oz., 35 cts.

AUBRIETIA. Hardy perennial, invaluable for covering rockwork or any unsightly spot somewhat elevated above the surrounding ground. They will grow in almost any kind of soil and may remain for years undisturbed.

249. PURPUREA. — Flowers of a rich dark purple colour. Per pkt., 15 cts.

250. LEICHTLINI.—Rosy red, a very pretty variety. Per pkt., 25 cts.

251. ARCTOTIS, Grandis

Hardy annual from South Africa. Large lilac daisy-like flowers, appear in great abundance from June till frost. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. Height, 2½ ft. Pkt., 15 cts.

I was very satisfied with the seeds I got before.

(Signed)

MR. JOHN J. FRASER,

Whycocomagh, N.S.

Extract from letter
March 6, 1922.



Aquilegia

255. ARTEMISIA SACCORUM VIRIDIS.

A new annual ornamental foliage plant from China. It is described as forming pyramidal bushes 3 to 5 feet in height, which, grown as an individual specimen, looks like a finely grown Christmas tree, and can be used in groups or lines in the same way as the Kochia or Summer Cypress. The fine pinnate foliage is a rich dark green, and can be used when cut to great advantage in connection with flowers of any kind. As a class the annual Artemisias are easily grown, doing well in even the poorest soil. A most interesting novelty. Pkt., 15 cts.

256 ASPARAGUS, Plumosus. (Asparagus Fern). Graceful and feathery bright green foliage, extensively grown by florists for cutting purposes. Pkt., 25 cts.

257. SPRENGERI.—Drooping foliage, adapted for hanging baskets for cutting. Pkt., 15 cts.

AURICULA. — In raising these spring flowers from seed a considerable amount of patience is needed, the seed being very variable in germinating, taking months sometimes before the young seedlings appear; half-hardy perennial.

258. FINEST SHOW VARIETIES.—From a collection of finest, named sorts. Per pkt., 25 cts.

259. BALLOON VINE. (Cardiospermum).—A rapidly-growing annual climber. White flowers, succeeded by balloon-like seed vessels. Climbs 10 to 15 feet within four to six weeks. Pkt., 10 cts.; oz., 50 cts.

BALSAM, Lady's Slipper. — The garden Balsam is a native of India, and likes a bright sun and warm weather. The seeds should be sown in the house, the hotbed, or in a warm, sheltered spot in light soil in the garden, after the ground has become warm. The seeds quickly germinate and the young plants make a rapid growth. Half hardy annual.

260. D. & F's. Prize Double Camelia-flowered Mixed.—A very large-flowering extra double class of highest perfection; unsurpassed. Oz., \$1.50; Pkt., 10 cts.

265. DOUBLE PINK.—Pkt., 10 cts.

265. DOUBLE SCARLET.—Pkt., 10 cts.

266. DOUBLE PALE YELLOW.—Pkt., 10 cts.

267. DOUBLE WHITE PERFECTION.—Pkt., 10 cts.

268. COLLECTION of 12 varieties, \$1.00.

271. BARTONIA, Aurea.—Producing showy golden-yellow flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting; hardy annual, 2 feet. Per pkt., 10 cts.



Artemisia Sacorum Viridis

BEET.—Used especially for its ornamental foliage; grows in any good garden soil; if grown in garden makes a fine contrast with other plants. 2 feet.

274. CHILIAN or BRAZILIAN.—Special selection for bedding, saved only from good crinkled-leaved varieties, with large midribs; all shades of crimson, rose and yellow; very select. Pkt., 15 cts.; oz., 60 cts.

275. CRIMSON WILLOW-LEAVED.—Fine dark ornamental leaved bedding variety, very elegant and graceful, narrow drooping foliage. Pkt., 15 cts.; oz., 60 cts.

276. BOCCONIA, Japonica.—Effective, hardy perennial for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes 2 to 3 feet long of cream-colored flowers. 5 feet. Per pkt., 15 cts.

BEGONIA — A fine tribe of plants. Sow in a hot-bed or in the house in February or March, pot young seedlings when large enough. In a few months they begin to display their splendid and continuous bloom. Greenhouse Perennial.

Tuberous Rooted Varieties

280. FRILLED.—This strain is unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 in. in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. Pkt., 75 cts.

281. SINGLE TUBEROUS BEGONIAS.—Laing's gold medal strain. Mixed. Per pkt., 50 cts.

282. DOUBLE TUBEROUS BEGONIAS.—A really double Begonia. Mixed. Per pkt., 75 cts.

283. Rex Varieties.—Large, handsome leaves, dark green, variegated with red bronze, red and silver-white; greenhouse perennial. 1 foot. Pkt., 75 cts.

284. Basket Begonia Seed.—Tuberous Begonias suitable for growing in hanging baskets. They are especially suited for hanging in greenhouses, conservatories, etc., as they are very light and graceful in appearance. Mixed colours. Per pkt., \$1.00.

Everblooming Bedding Varieties

The following varieties take rank as bedding plants with geraniums and coleus, doing as well in full sunshine as in partial or whole shade. They are of sturdy growth, forming dense bushes, which are completely hidden with flowers the entire season. As pot plants for winter flowering they are superb. Easily raised from seed.

286. GLOIRE DE CHATELAINE.—A very attractive plant. The flowers are brilliant pink and being a perpetual bloomer it makes a charming bedding or house plant. Pkt., 25 cts.

287. GRACILIS ROSEA.—Handsome flowers of a delicate rose color. Pkt., 25 cts.

288. LUMINOSA.—Brilliant fiery dark scarlet; very bright. Pkt., 25 cts.

289. PRIMA DONNA.—A perfected, ideal form of Gracilis; the flowers are larger, of a limpid rose, shading to carmine at the centre. Pkt., 25 cts.

290. SALMON QUEEN.—The highest coloured of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding. Pkt., 25 cts.

291. VERNON.—Bright orange-carmine flowers, deep red foliage. Pkt., 25 cts.

292. BRACHYCOME, Little Blue Star.—Free-flowering dwarf growing hardy annual covered during the greater part of the summer with a profusion of charming bright blue starry flowers; suitable for edgings, small beds or pot culture. Per pkt. 15 cts.



Balsam

CANTERBURY BELLS.

Calycanthema.—This is the finest variety, producing flowers resembling a cup and saucer.

294. ROSE.—Delicate rosy-pink. Pkt., 10 cts.

295. BLUE.—A fine, clear shade. Pkt., 10 cts.

296. WHITE.—Pure White. Pkt., 10 cts.

297. MIXED.—Pkt., 10 cts.

300. Godfrey's Superb Strain.—This is without doubt the finest strain of *Campanula Calycanthema* yet offered. It was exhibited at several shows last season and attracted great attention.

The flowers are much larger than those of other strains and of perfect form both in cup and saucer. Mixed colours, 25 cts. per pkt.

Medium.—The old-fashioned sort, with beautiful, large bell-shaped blossoms.

301. SINGLE MIXED.—All colours. $\frac{1}{4}$ oz., 30 cts.; pkt., 10 cts.

302. DOUBLE MIXED.—All the double-flowering medium varieties. $\frac{1}{4}$ oz., 50 cts.; pkt., 10 cts.

Campanulas or Bellflowers. Various Sorts.

Well-known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

303. CARPATICA.—Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. $\frac{1}{4}$ oz., 50 cts.; pkt., 10 cts.

304. ALBA.—The white-flowering form of the above. $\frac{1}{4}$ oz., 50 cts.; pkt., 10 cts.

305. FRAGILIS.—Light-blue flowers. Habit trailing, and valuable for suspended baskets. (Half-hardy perennial). Per pkt., 10 cts.

306. PERSICIFOLIA GRANDIFLORA.—Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers. Pkt., 10 cts.

307. PERSICIFOLIA ALBA.—Pure White. Pkt., 10 cts.

308. Persicifolia, Moerheimi.—One of the finest *Campanulas*, with long spikes of double white flowers. A great acquisition. Pkt., 20 cts.

309. PYRAMIDALIS.—A beautiful stately hardy plant, either for garden or pot culture; blue silver-shaped flowers; 4 to 5 feet. $\frac{1}{4}$ oz., 40 cts; pkt., 10 cts.

310. ALBA.—Same as above, but with white flowers. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

BROWALLIA.—A very profuse-blooming, half-hardy annual bedding plant, covered with rich, beautiful winged flowers during the summer and autumn months. $1\frac{1}{2}$ feet.

312. SPECIOSA MAJOR.—A new variety with clear blue flowers, much larger than other sorts, valuable as a pot plant for winter and early spring flowering. Pkt., 25 cts.

314. CANNA, Crozy's Mixed. This race of *Cannas* is remarkable for the size and lasting quality of its flowers, and being of compact habit they are invaluable for subtropical bedding. Pierce the seed in one spot with a file and soak in lukewarm water for 24 hours before sowing. Per pkt., 15 cts.

315. DARK-LEAVED VARIETIES.—Per pkt., 10 cts.



Calendula



Campanula Cup and Saucer

CALENDULA.—Dwarf, bushy hardy annuals, blooming abundantly until frost; of easy culture; indispensable for summer garden. 1 foot. Sowings should not be made outdoors until danger from frost is passed.

318. PURE GOLD.—A grand variety, with double extra large flower, of a pure golden-yellow. Pkt., 10 cts.

319. METEOR.—Large double yellow striped with orange. Per pkt., 10 cts.

320. PRINCE OF ORANGE.—Resembles Meteor but is much darker. Per pkt., 10 cts.

321. ORANGE KING.—Very large double flowers of a dark orange-red. Pkt., 10 cts.

322. PONGEI FL. PL.—Showy double white flowers. Per pkt., 10 cts.

323. LEMON QUEEN.—Clear lemon yellow. Per pkt., 10c.

324. Calceolaria, "Cotswold Hybrid."—The finest novelty amongst Hybrid *Calceolarias* yet raised. For house, conservatory and cool greenhouse decoration we know of nothing more effective than well-grown plants of these hybrids, and they are bound to take at once a leading place amongst the plants for this purpose. The flowers are about as large again as those of *Clibrani*, and vary in colour from clear golden yellow, lemon yellow, light bronze, deep and light brown—in some cases being lightly spotted like the herbaceous varieties.

In foliage and habit of growth the hybrids take after *Clibrani*, and when well grown, make plants $2\frac{1}{2}$ feet high and as much through, which are simply smothered with graceful and beautifully coloured flowers. The plants are most continuous flowering, lasting in full bloom under cool greenhouse treatment from April until July or August. Per pkt., \$1.00.

325. Veitchi, White.—Award of Merit, Royal International Horticultural Exhibition, 1912. New hybrid, milk-white in colour; strong habit of growth, with strong, healthy, lance-shaped shining, serrated foliage. Plants bear an abundance of bloom the first season, grow to a height of 3 feet and are very bushy. Strongly recommended. Pkt., \$1.00.

326. Profusa Clibrani. Of an extremely light and graceful habit, bearing its splendid large flowers in sprays of rich golden yellow most profusely and abundantly. Very popular in Europe. Pkt., \$1.00.

327. D. & F's. Prize Strain.—This magnificent strain was saved from a fine collection of prize plants; compact habit and bearing masses of flowers of great size and exquisite colour, almost every shade of colour, beautifully spotted and blotched appearance rarely seen. Per pkt., 75 cts.; $\frac{1}{2}$ pkt., 40 cts.

333. CANARY-BIRD VINE.—A rapid-growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary-bird with expanded wings. Per pkt., 10 cts.; oz., 50 cts.

CANDYTUFT. Very showy hardy annuals growing about 1 foot in height and producing a fine effect when grown in masses. The seed should be sown thinly or the young plants thinned out to obtain sturdy growth.

334. Giant Empress.—A complete mass of pure white flowers in a pyramid of bloom. Per pkt., 10 cts.

335. CARMINE.—Bright carmine rose. Pkt., 10 cts.; oz., 40 cts.

336. WHITE ROCKET.—White, large trusses. Pkt., 10 cts.; oz., 30 cts.

337. ROSE CARDINAL.—A beautiful shade of rosy scarlet. Pkt., 10 cts.

338. LAVENDER.—Pkt., 10 cts.

339. MIXED COLOURS.—Per pkt., 10 cts.; oz., 20 cts.

340. Sempervirens.—A profuse white-blooming hardy perennial, coming in flower early in the Spring; much used for cemeteries, rockeries, etc. 1 foot. Per pkt., 15 cts.

CALLIOPSIS, Coreopsis.—Showy and beautiful free flowering hardy annuals blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 to 12 inches apart.

343. Tiger Star.—A novel form, plants not over 9 inches high; flowers of rich reddish-brown, tigered with golden-yellow, not unlike some of the Orchids. Pkt., 15 cts.

345. GOLDEN WAVE (Drummondii).—Large, rich golden-yellow flowers with chestnut-brown centres produced in great abundance. Pkt., 10 cts.

346. CRIMSON KING.—Rich dark crimson flowers. Pkt., 10 cts.

347. GOLDEN KING.—A fine golden yellow. Pkt., 10 cts.

348. MIXED.—All the choicest mixed. Per pkt., 10 cts.

Perennial Varieties

351. LANCEOLATA.—Fine deep yellow flowers, charming hardy perennial, blooms the same season sown. Per pkt., 15 cts.

352. GRANDIFLORA.—Bright golden yellow flowers, 4 inches in diameter, the broad petals over-lapping and beautifully fringed. Pkt., 15 cts.

CARNATION. From seed sown early in Spring, will bloom in July and continue until frost. Flowers are extra large and the greater percentage double, usually about three inches in diameter. 18 inches. Half hardy perennials.

354. FINE DOUBLE BORDER MIXED.—The best for garden culture. Per pkt., 10 cts.

355. Chabaud's Everblooming.—Raised by a famous French specialist. Blooms in five months after being sown and continues to flower in the greatest profusion indefinitely. Mixed colours. Per pkt., 25 cts.



Candytuft Empress

Marguerite Carnation.—These are deservedly the popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of semi-dwarf, robust habit, requiring no artificial support, and producing on long strong stems an abundance of large, double beautiful fringed, highly scented flowers.

358. PURE WHITE.—Per pkt., 10 cts.

359. FIERY SCARLET.—Per pkt., 10 cts.

360. BRIGHT ROSE.—Per pkt., 10 cts.

361. SULPHUR YELLOW.—Per pkt., 10 cts.

362. CHOICE MIXED.—Per pkt., 10 cts.

363. Giant Marguerite.—Extra large and perfect flowering in a rich variety of colours. They have strong, elastic stalks, so that they may be named iron-stemmed. Pkt., 15 cts.

CELOSIA CRISTATA, Cockscomb.—

Free-blooming half-hardy annuals, growing best in rather light soil, not too rich, make grand border plants and are attractive in pots. The seeds should be started in the house in March.

365. EMPRESS.—Combs of colossal proportions; rich velvety crimson. Per pkt., 20 cts.

366. GLASGOW PRIZE.—Immense showy dark crimson combs. Per pkt., 20 cts.

Celosia Plumosa, Feathered Cockscomb.—Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets.

373. Pride of Castle Gould.—Plants grow compact and pyramidal and produce immense flower heads, resembling willow plumes in many remarkable shades. Pkt., 20 cts.

374. D. & F's. Choicest Mixed.—From a magnificent collection of the choicest feathered varieties. All shades of yellow and rose to crimson, with splendid plumes. Pkt., 15 cts.

375. THOMPSONI MAGNIFICA JAUNE D'OR.—Fine golden yellow, very choice, grand strain. Pkt., 10 cts.

376. THOMPSONI MAGNIFICA CRIMSON.—Deep crimson. Dark foliage, extra fine strain. Pkt., 15 cts.

COBAEA.—One of the very finest and most beautiful half-hardy annual climbers. Plants begin flowering when quite young. Put seed in moist earth, edge down; do not water until the young plants appear, unless earth is very dry.

377. SCANDENS.—Large, bell-shaped flowers. Per pkt., 10 cts.

378. SCANDENS ALBA.—Pure white. Pkt., 15 cts.



Calceolaria Veitchii, see page 42

Three Fine Everlastings for Winter Bouquets—Acroclinum — Helichrysum — Honesty.

CENTAUREA, Flowering Annual Sorts.

Giant Sweet Sultans.—(*Centaurea Imperialis*).—This beautiful class is undoubtedly the finest of all the Sweet Sultans for cutting purposes. Beautiful, deliciously sweet-scented flowers are borne on long, strong stems and are particularly striking, lasting several days after cutting. We recommend sowing in succession every two weeks until July, thereby giving a continuous bloom from summer to fall.

380. Brilliant Rose.... Pkt., 15c.	383. Deep Purple..... Pkt., 15c.
381. Rosy Lilac..... 15c.	384. Delicate Lilac..... 15c.
382. Deep Lavender.... 15c.	385. Pure White..... 15c.
386. Mixed..... 10c.	

390. Collection, containing a packet each of the 6 colours, 75 cts.
 391. CYANUS SINGLE MIXED COLORS.—Per pkt., 10 cts.
 392. CYANUS SINGLE BLUE.—The favorite dark blue sort so much in demand for cutting. Per oz., 40 cts.; Pkt., 10 cts.
 393. CYANUS DOUBLE BLUE.—Double flowering form of the popular dark blue Corn flower, and is by far the finest for cutting. Pkt., 15c.
 394. CYANUS DOUBLE-FLOWERED.—Mixed colours. Pkt., 10 cts.

White Leaved Centaureas

Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. Half-hardy perennial.
 398. GYMNOCARPA.—Fine-cut silver-grey foliage. 1½ foot. Per 1000 seeds, 40 cts.; pkt., 15 cts.
 399. CANDIDISSIMA.—Silver-white, leaves broadly cut. Per 1000 seeds, 60 cts.; pkt., 15 cts.

CHRYSANTHEMUM, Annual Varieties.

405. Well's New Early Flowering.—A remarkably new race of single Chrysanthemums flowering abundantly the first year from seed; equal to the best named sorts.

Directions.—Sow end of February, or early in March, in pots or boxes, in a frame or greenhouse, prick off when ready, and treat exactly the same as Ten Weeks' Stocks or Asters. Pkt., 25 cts.

406. Coronarium, Primrose Gem.—The habit of the plant is very dwarf and compact, 15 inches in height, covered with beautiful double well-formed flowers of a rich primrose-colour, well adapted either for borders, or pot culture. Pkt., 15 cts.

407. Bridal Robe.—This is a fine dwarf, compact form of *C. Inodorum*, valuable for cutting. The plants grow about a foot high, and are covered the entire summer with their beautiful snow-white double flowers. Pkt., 15 cts.

408. SEGETUM, EVENING STAR, or HELIOS (Corn Margold, or Annual Golden Marguerite).—A splendid variety for cutting; flowers 3 inches across, of pure golden-yellow; in general appearance resembles the yellow Paris Daisy. ¼ oz., 35 cts.; pkt., 10 cts.

409. DOUBLE FRINGED MIXED.—Yellow, white, etc. Per pkt., 10 cts.

410. SINGLE MIXED.—(Painted Daisies).—Pkt., 10 cts.

Perennial Varieties

415. Princess Henry.—Beautiful and valuable variety, superior to the famous "Triumph." Its immense floriferousness and the per-



Cobaea See page 43

fect shape of its flowers is unsurpassed, the latter attaining a size of 15 inches in diameter and even more. Blossoms of the purest white, with yellow centres and borne on long, strong stems. Per pkt., 15 cts.

416. SHASTA DAISY.—The finest of all the moon-penny Daisies, flowers very large and perfect. Per pkt., 20 cts.

417. JAPANESE HYBRIDS.—The seed here offered has been saved from a magnificent collection. Seed sown in Spring will produce flowering plants by fall. Pkt., 15 cts.

418. CARDINAL CLIMBER

(*Ipomoea Quamoclit hybrida*).

This hybrid *Ipomoea* is considered one of the most brilliant and distinct annual climbers introduced. A rapid grower, often attaining the height of 30 feet or more. The deeply laciniate, fern-like foliage and fiery, cardinal red flowers are borne in profusion from July to frost. The flowers are about 1½ inches in diameter and are borne in clusters of five to seven blooms. Seed may be sown indoors during April, but it is best to wait for warm weather and sow outdoors in a sunny position. Soaking the seeds in warm water before planting hastens germination. Pkt., 15 cts.; 3 pkts., 40 cts.

420. Burbank's Rainbow Corn

A new and unique plant from Luther Burbank, who says of it: "Beautiful as the most beautiful *Dracaenas*. Broad stripes of crimson, yellow, white, green, rose and bronze. This has been on exhibition by the California Development Board during the past season and has been the admiration of everybody. Nothing like it for decorative purposes, either for garden or for cutting. As easily grown as field corn." Pkt., 15 cts.

CLARKIA.—A handsome annual, which should be far more widely known. It is of easy cultivation, graceful in habit of growth and lends itself as well to bedding as for cutting. The flowers are borne all along the stems and resemble carnations to quite an extent. 1½ foot. July to October.

422. Scarlet Queen.—The most striking colour yet produced in *Clarkia elegans*. A valuable and distinct sort. Indispensable for the garden and conservatory decoration in pots. Pkt., 15 cts.

423. SALMON QUEEN.—Pkt., 10 cts.

424. ALBA FL. PL.—Very double, pure white. Pkt., 10 cts.

425. BRILLIANT.—Rich crimson scarlet; very double. Pkt., 10 cts.

426. QUEEN MARY.—Lovely rose carmine, very bright color. Pkt., 10 cts.

427. DOUBLE MIXED.—Pkt., 10 cts.



Chrysanthemum, Bridal Robe

Please Order Flower Seeds by Number

CINERARIA.—Seed may be sown from April to July. June if only one sowing is made. Being rapid growers, they should not receive a check of any kind from start to finish. When potting use a fairly rich soil, in as rough a condition as the size of the pots will allow. Keep the surroundings cool and moist, but do not over-water, or expose them to the sun sufficiently to make them wilt.

430. Matador.—The new, large flowering scarlet, which adds considerable life and brilliancy to a collection. Pkt., 50 cts.

431. Cineraria "Star" (Stellata).—This curious strain, the issue of various crossings, is now stable in character and may be relied on as coming true from seed. Of the same habit as the C. Grandiflora, it differs from the old type in the petals, being twisted and quilled, thus justifying the name given to it. Its charming flowers include not only the colours usually found in that class of plants, but also those of the new hybrids introduced in late years, such as Antique rose, Matador and all their derivatives.

It was awarded a gold medal and a Certificate of Merit by the National Horticultural Society and won a first prize (Silver Medal) in April, 1914, at the Brussels International Exposition. Pkt., 50 cts.

432. Ferguson's Prize Mixed.—The plants are of compact growth, carrying large flower-heads of finest form and substance. The strain includes the richest and brightest self colours as well as perfectly marked, fringed and margined forms of all colours. Per pkt., 50 cts.

433. Ferguson's Prize Dwarf.—Dwarf compact plants not over a foot high with immense heads of large individual flowers in a great range of beautiful colors. Pkt., 50 cts.

White Leaved Sorts

Fine for bedding, ribbon beds and margins; prized for their beautiful drooping, silvery foliage; half-hardy perennial; 2 feet.
444. MARITIMA CANDIDISSIMA.—Silver foliage. Pkt. 10c.
445. ACANTHIFOLIA.—Silver foliage beautifully cut. Per pkt., 10 cts.

447. COLEUS.—Plants with rich coloured foliage, very beautiful. Tender perennial. Mixed, per pkt., 25 cts.

448. Superb New Hybrids.—From a celebrated collection of named varieties. Pkt., 50 cts.

CONVOLVULUS, Morning Glory

450. MORNING GLORY.—Mixed. All colours. Per pkt., 10 cts.; oz., 20 cts.

451. NEW DAY GLORY.—First of this series. A day-blooming Glory, which keeps its flowers open during the entire day. Pkt., 20 cts.

452. CONVULVULUS MINOR.—Annual, mixed colours. Per pkt., 10 cts.; oz., 15 cts.



Giant Japanese Morning Glories



Cineraria

455. Giant Imperial Japanese Morning Glories.

A magnificent advance on the old-fashioned Morning Glories. The enormous flowers, exquisite colours and beautiful foliage make them, without doubt, the most beautiful climbers in existence. Mixed colours. Pkt., 10 cts.; oz., 30 cts.

456. Ruffled and Frilled Japanese Morning Glories.

The perfection of Morning Glories. Immense flowers, often as big as saucers, all wavy, ruffled and fluted from throat to margin, like crumpled velvet. They are simply magnificent. Mixed colours. Pkt., 15 cts.; oz., 40 cts.

457. Japanese Double Mixed.—The flowers are double and semi-double and some are fringed, which give an appearance of a double flower. Pkt. 15c.

458. Brazilian Morning Glory.—Magnificent summer climbing annual. It grows with the greatest vigor and luxuriance. The leaves are 8 to 10 inches across, over-lapping each other, and making a dense shade. The vine is covered with short reddish hairs, which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental. We know of nothing better for quickly covering a piazza, arbor or tree. Flowers are of a beautiful rose color, and are borne in large clusters. Pkt., 15 cts.; oz., 40 cts.

CYCLAMEN

460. Cyclamen St. George.—This remarkable break offers the highest quality flowers, combined with the decorative foliage of Begonia Rex. The foliage is abundantly produced, and is beautifully margined and ornamented with bright silver. Flowers are in every way identical to our famous Salmon King. Per pkt., 75 cts.

461. Mrs. Buckston.—A new variety with beautifully frilled and waved flowers, which are of large size, often measuring 2½ to 3 inches across, and are produced in great abundance; colour, delicate salmon. Per pkt., 75 cts.

462. Ferguson's Giant Mixed.—From the purest white to the richest and darkest crimson; a grand strain, plants dwarf and compact, flowers large, broad-petalled, of great substance, and borne in great profusion well above the foliage, the colours are well defined, brilliant and delicate in shade. Buyers will be greatly pleased with this fine strain. Per pkt., 75 cts.

463. FERGUSON'S GIANT WHITE.—Pkt., 75 cts.

464. FERGUSON'S GIANT CRIMSON.—Pkt. 75 cts.

465. FERGUSON'S GIANT PINK.—Pkt., 75 cts.

466. FERGUSON'S GIANT SALMON.—Pkt., 75 cts.

467. DIASCEA BARBARAE.—A dainty, graceful little annual, which branches freely from the base, and sends up ever so many fine hair-like stems, dressed with tiny foliage and lovely spurred cups of coral pink. It is a gem for dwarf borders. As pot plants for winter flowering they are superb. Pkt., 20 cts.

COSMOS

One of the most beautiful and useful of hardy annuals, producing large showy flowers in great profusion; excellent for cutting.

New Double Flowering

An entirely new race of this popular flower; the plants are similar in habit to the late flowering strain. The flowers are full, round and double, and are very attractive.

469. DOUBLE EUREKA, CRIMSON.—Pkt., 20 cts.

470. DOUBLE EUREKA, PINK.—Pkt., 20 cts.

471. DOUBLE SNOWBALL, WHITE.—Pkt., 20 cts.

472. One packet each above three colors for 55 cts.

New Double Crested.—These beautiful new Cosmeas are most striking in colour. A large percentage come true from seed, both as to colour and doubleness. The singles which the strain produces are also very beautiful.

473. PINK BEAUTY.—Soft Pink. Pkt., 15 cts.

474. CRIMSON KING.—Dark Crimson. Pkt., 15 cts.

475. WHITE QUEEN.—Pure White. Pkt., 15 cts.

476. Lady Lenox, Pink.—Lovely shell-pink, lighting up well at night. Pkt., 15 cts.

477. Lady Lenox, White.—(New).—A fine pure white selection of the above. Pkt., 15c

D. & F.'s Early Mammoth.—The earliest of Cosmos in existence. If sown in May in the open ground, it usually blooms by the first or second week in July.

480. Early Pink..... Pkt., 15c. 482. Early White..... Pkt., 15c.

481. Early Crimson..... 15c. 483. Mixed..... 10c.

DELPHINIUM, Perennial Larkspur

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed; hardy perennial.

485. DELPHINIUM, BELLADONNA (Everblooming Hardy Larkspur).—This is the freest and most continuous blooming Hardy Larkspur, never being out of flower from the end of June until frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower, and no hardy border is complete without a liberal planting of this really exquisite Larkspur. Pkt., 20 cts.

486. DELPHINIUM, BELLAMOSUM.—This is a rich, deep blue form of the popular light blue Belladonna, having the same freeblooming and other good qualities. Pkt., 20 cts.



Delphinium



Cosmos, Lady Lenox White

489. FORMOSUM.—2½ feet. Rich dark blue, long spikes. Pkt., 15 cts.

490. NEW LARGE FLOWERING HYBRIDS.—A splendid large flowering strain. Pkt., 20 cts.

491. Delphinium, Blue Butterfly.—(Annual) Height 15 inches. The greatest acquisition in blue annual flowers for many years. The Royal Horticultural Society, when granting it the Award of Merit, stated in their report that it is "a dainty annual of bushy branching habit, and very floriferous." The seed should be sown early, in heat, and grown on in pots until ready for bedding out. Late sowings do not make effective plants until too late in season. Pkt., 20 cts.

DAHLIAS.—This very popular flower can easily be raised from seed; in fact, it is surprising how many new varieties are yearly introduced from seedlings. Seed sown in March will produce flowers in August.

492. DOUBLE.—Large flowering mixed. Pkt., 20 cts.

493. DOUBLE CACTUS.—Many colours. Pkt., 15 cts.

494. COLLARETTE.—Flowers of various colors, with a collar of small petals around the centre. Pkt., 20 cts.

495. Single Giant Perfection.—Flowers of immense size, averaging 6 inches across. Many colours. Pkt., 20 cts.

DATURA.—Large, strong growing plants, trumpet-shaped flowers. Roots can be preserved in the cellar, like Dahlias. Three feet in height, set three feet apart. Half-hardy annual.

498. ARBOREA (Brugmansia).—Flowers trumpet-shaped; usually about 12 inches long; fragrant and pure white. Pkt., 15 cts.

499. CORNUCOPIA (Horn of Plenty).—Grand variety, the flowers average 8 inches long by 4 across. French white inside, delightfully fragrant, started early will flower from early summer until frost. Pkt., 15 cts.

DIGITALIS, Foxglove

Foxgloves make most effective border plants, either as a background or planted among other things. Rich deep soil and partial shade suit their requirements. The plants are perfectly hardy, growing in one situation for a number of years; but, as with many other perennials, they are all the better for being divided at intervals.

500. GLOXINIAEFLORA.—Gloxinia-shaped flowers; a lovely type; all colours mixed. Pkt., 10 cts.

501. MONSTROSA (Mammoth Foxglove).—Long spikes, surmounted by an enormous flower; very odd; all colours mixed. Pkt., 10 cts.

DIANTHUS (Pink)

A magnificent class embracing some of the most popular flowers in cultivation, producing in great profusion their beautiful brilliant-colored flowers, highly valued for cutting. They are Hardy Biennials, but, treated as Annuals, bloom the first season from early summer till frost.

DOUBLE ANNUAL VARIETIES

506. Snowdrift.—Fine large flowered variety of the Japanese annual Pink with beautiful fringed, very double flowers, over 3 inches in diameter, and of the purest snow-white. Pkt., 15 cts.

507. Fireball.—A dwarf variety, producing globular, double, dark, blood-red flowers, extra fine for bedding, Pkt., 15 cts

508. Pink Beauty.—A beautiful double pale pink, very fine. Pkt., 15 cts.

509. Salmon King.—Brilliant salmon rose. Pkt., 15 cts.

510. Laciniatus Fl. Pl. "Lucifer".—

The nicely fringed double flowers $1\frac{3}{4}$ to 2 inches across, are of an intense orange-scarlet, a dazzling colour in full sunshine and the most striking of all red flowered annual Pinks. Pkt., 15 cts.

511. CHINENSIS.—Double, mixed colours. Pkt., 10 cts.

512. HEDDEWIGII.—Double mixed (Japan Pinks). Pkt., 10c.

513. DIADEMATUS.—Double mixed (Diadem Pinks).—Various colours, all edged and marbled. Pkt., 10 cts.

514. Double Striped and Fringed, Mixed.—(Laciniatus fl. pl.), large double fringed flowers of various colours and markings. Pkt., 10 cts.

SINGLE ANNUAL VARIETIES

518. Superbissimus Mixed.—A lovely new strain of Dianthus. Flowers very large, of various colours, with crested surface to petals and white throated, giving the flowers a very striking and charming appearance. The finest and largest flowered strain of Dianthus by far for cut bloom. Pkt., 15 cts.

519. HEDDEWIGII.—Mixed colours (Japan Pinks). Pkt., 10c.

521. CRIMSON BELLE.—Very large dark red. Pkt., 10 cts.

520. SALMON QUEEN.—The well-formed, nicely-fringed flowers are a brilliant salmon-colour, changing into a salmon-frose when fading. Pkt., 10 cts.

HARDY GARDEN PINKS

These hardy varieties are delightfully sweet and well adapted for beds and borders; should be in every garden where cut flowers are wanted.



Dimorphotheca



Dianthus, Snowdrift

530. Dwarf Erfurt Double Pink.—This new strain of compact growth and early-flowering, coming into bloom two weeks or more in advance of any other variety. They possess the spicy clove fragrance of the old-fashioned pink, and have a much richer variety of colouring. Per pkt., 20 cts.

531. PLUMARIUS FL. PL. SCENTED.—Double and semi-double varieties in beautiful colours. Per pkt., 10 cts.

532. SEMPERFLORENS (Everblooming Hardy Garden Pinks).—Very beautiful, sweet scented, double, semi-double, and single flowers in great diversity of colour. Pkt., 10 cts.

533. Latifolius Atrococcineus, Fl. Pl.—

(Everblooming Hybrid Sweet William).—This is a cross between an annual Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter; in colour an intense velvety crimson scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden. Pkt., 20 cts.

534. DIMORPHOTHECA, Aurantiaca.—

An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers, which are $2\frac{1}{2}$ inches and over across are an unique rich, glossy orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. Pkt., 10 cts.

535. Aurantiaca Hybrida.—Very dainty new varieties with flowers varying in colour from purest white, through delicate light shades of sulphur-lemon, light orange and salmon to golden yellow; in height and habit similar to the pretty Dimorphotheca aurantiaca of recent introduction. Pkt., 15 cts.

536. Aurantiaca Hybrida Fl. Pleno.—Semi-double and double flowering varieties of our Dimorphotheca aurantiaca hybrids introduced two years ago. The colouring of these new double flowering varieties are as rich and varied as those of the single flowering sorts, ranging from white to light and dark yellow, from salmon-rose to orange. About 50% to 60% of double and semi-double flowering plants may be expected. Pkt., 20 cts.

DOLICHOS—(Hyacinth Bean.—A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc. Sow the seed in the garden in May, where they are to remain; height 10 feet.

538. DAYLIGHT. This grand Hyacinth Bean comes from Japan. In trial ground seed sown late in May had by the middle of July attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green and not affected by insect pests. Pkt., 15 cts.; per oz., 50 cts.

539. DARKNESS. Identical in every way to the above, except in color, which is rich purple-violet. Pkt., 15 cts.; per oz., 50 cts.

DOUBLE DAISY.—Sow the seed very early. The flowers are abundant in early spring, and may be continued later by the use of water. Plants can be removed safely even when in flower. The plants should be about six inches apart in a cool border. Hardy perennial.

541. The Bride.—The nicest white Double-Daisy. Extraordinarily large and very double flowers borne on long, stiff stalks, very early and free flowering. Adapted for pot culture and borders, as well as for cutting. Pkt., 15 cts.

542. LONGFELLOW.—Large double pink flowers. Pkt., 10c.

543. SNOWBALL.—A very double pure white Daisy. The flowers are borne on long stems, and are excellent for cutting. Per pkt., 10 cts.

544. GIANT RED.—Similar to Longfellow. Large double flowers of soft red colour. Pkt., 15 cts.

545. DOUBLE MIXED.—All colours. Per pkt., 10 cts.

546. Dracaena, Australis. Broad leaves; fine pot plant. Pkt., 25c.

547. INDIVISA (Cordylina).—Long slender leaves. Pkt., 25c.

548. VEITCHII.—Variegated leaves. Very ornamental. Pkt., 10 cts.

EZCHSCHOLTZIA.—Among our most beautiful and popular annuals, being of easiest culture and giving great satisfaction, blooming all summer, a bright effect when massed. Hardy annual.

550. The Geisha.—Petals prettily fluted. Color inside of petals intense orange crimson. This is undoubtedly the most beautiful Eschscholtzia. Pkt., 15 cts.

551. CARMINE KING.—An extra fine selection of this rich carmine variety. Pkt., 10 cts.

552. CALIFORNIA.—Pure Yellow. Pkt., 10 cts.

553. GOLDEN WEST.—Magnificent large deep golden yellow flowers. Pkt., 10 cts.

554. MANDARIN.—Inside petals orange, outside scarlet. Pkt., 10 cts.

555. CROSS OF MALTA. Yellow with orange cross. Pkt., 10 cts.

556. VERY CHOICE MIXED. Includes many colors. Pkt., 10 cts.



Double Daisy, The Bride

565. FERNS.—Very desirable plants for ferneries. Mixed colours from a choice collection. Pkt., 30 cts.

566. FUCHSIA.—A well-known plant of easy culture, for the house or shady situations in the garden. Seed saved from the finest single and double named sorts. Pkt., 60 cts.

567. GENTIANA, Acaulis.—Intense blue bell-shaped flowers during May and June. Hardy perennial. Pkt., 15 cts.

GAILLARDIA.—Gaillardias are amongst the best of hardy border plants; the hybrids have large showy flowers of fine substance, and for cutting purposes cannot be too highly recommended; they are easily grown and may be flowered from seed the same season if sown early in heat.

568. Lorenziana, The Bride.—The double annual Gaillardias have always been favorites both as cut flowers and for bedding, and this new very double creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems. Pkt., 15 cts.

569. PICTA LORENZIANA.—Very showy annuals, used abundantly for borders and bedding and fine for cut flowers. Seed should be started early and will flower continually until frost. Double finest mixed. 2 feet. Pkt., 10 cts.

570. Grandiflora, Hybrida.—Finest Mixed Continuous bloomer; very showy and one of the most brilliant perennial garden flowers. Fine for perennial borders. Pkt., 15 cts.

571. Grandiflora, Kelways Exhibition Strain.—Entirely distinct from the old kind, and from that offered by other growers. A grand new improved strain. Enormous flowers and very stout habit. Many medals and certificates have been awarded by the Royal Horticultural and other Societies. Seed saved from 12 choice separate varieties. Per pkt., 25 cts.

572. GERANIUM, Zonale George's Celebrated.—Saved from the largest and finest double varieties mixed. Pkt., 50 cts.

573. PELARGONIUM, TURNER'S FANCY.—Saved from the finest fancy and spotted large-flowering sorts. Pkt., 50 cts.

574. APPLE-SCENTED.—This fragrant favorite variety, can only be grown from seed to form fine plants. Per pkt., 25 cts.

575. GERBERA, Jamesoni Hybrida.—New Hybrids of the Scarlet Transvaal Daisy, varying in colour all the shades of yellow, red, rose, salmon, scarlet and crimson to violet. In addition to the new colours above produced by artificial crossing, the flowers of these new hybrids are larger in size and the plants are of sturdier habit than the parents. They are exquisite as cut flowers, and we recommend them for trial to those who can give them greenhouse treatment similar to that required for Carnations. Pkt., 75 cts.

576. GEUM, Atrosanguineum Fl. Pl.—Showy hardy perennial, brilliant scarlet double flowers, borne in clusters on long stems; fine for cutting. 1½ foot. Pkt., 10 cts.

577. Mrs. Bradshaw.—This fine variety produces very large flowers, 2 inches or more across, semi-double, with large waved petals of the most brilliant scarlet. They are borne on long wiry stems continuously from June to October.

For cutting purposes it is most useful, while for border decoration it will be found superior to all other varieties of Geum. Pkt., 25 cts.



Gaillardia Kelway's Exhibition

GOURDS.—Luxuriant, ornamental, climbing annuals, useful for covering arbors, fences or slopes, and bearing gourds which are of interesting forms and colours; 10 to 15 feet.

578. MIXED VARIETIES.—Pkt., 10 cts.; oz., 25 cts.

579. IMPORTED COLLECTION of 12 varieties, 75 cts.

GODETIA.—Showy hardy annual of compact growth, about 1 foot high bearing freely flowers 3 to 4 inches across, of exquisite colours and shades that glisten in the sunlight like satin. A very satisfactory plant for solid beds or border lines. A rather poor soil will cause it to bloom better than one very rich as this flower is inclined to make a rank growth. They harmonize well with the California poppy (*Eschscholtzia*).

580. BRILLIANT.—Glowing carmine-rose; very bright and satiny. Pkt., 15 cts.

581. DUCHESS OF ALBANY.—Splendid white variety 1 foot. Pkt., 15c.

582. GLORIOSA.—Large satiny brilliant blood-red flowers richest colour of all. Pkt., 15 cts.

588. ROSAMOND.—A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. Pkt., 15 cts.

589. MIXED.—All colours. Per pkt., 15 cts.

GLOXINIA.—A superb genus of greenhouse plants producing magnificent flowers of the richest colours; thrive best in an equal mixture of peat, loam and sand. Sow in March.

590. D. & F.'s Prize Strain, Mixed.—Our strain is unsurpassable by the great size and exquisite brilliancy and beauty of the individual blooms as well as richness of colours and shades of same. Pkt., 75 cts.

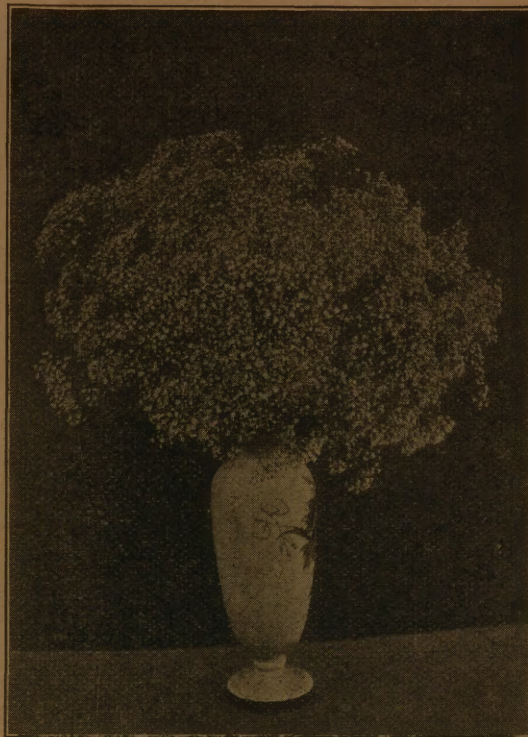
591. GREVILLEA, Robusta.—Beautiful and graceful foliage, highly valued as a decorative plant for the table and when large for tropical lawn effects; tender perennial, 3 to 5 feet. Per pkt., 15 cts.

GYPHOPHILA.—A genus of elegant hardy annuals and perennials, bearing numerous tiny flowers on thread-like stalks, making them most useful for cutting purposes. Excellent for their delicate effect in bouquets.

592. ELEGANS GRANDIFLORA ALBA.—A very much improved form; flowers large and pure white; hardy annual, 1½ feet. Pkt., 15 cts.

593. ELEGANS CARMINEA.—A carmine flowering annual, much brighter than *G. Elegans Rosea*, and a great improvement. The plants grow from 10 to 12 inches in height, and are covered with blooms. Very useful for bouquets. Pkt., 15 cts.

594. PANICULATA.—A beautiful perennial, height 2 to 3 feet, flowers pure white, produced in great abundance and exquisite for cut bloom. Pkt., 15 cts.



Gypsophila Paniculata

596. **Paniculata Flore Pleno.**—(Double *Gypsophila*).—Of great value as a decorative herbaceous plant and its snow-white flowers for floral work. The flowers also dry exceedingly well and afford excellent material for winter decoration. Seed may be relied upon to produce 50 to 60 per cent. of double flowers. Pkt., 25 cts.

HELICHRYSUM.—Few flowers are more easily grown, and none are more useful than the Everlasting, either for outdoor growing in summer or for indoor decoration in winter. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place.

598. SILVER BALL.—White.....Pkt., 15c.

599. SALMON QUEEN.....15c.

600. FIRE BALL.—Red.....15c.

601. GOLDEN BALL.—Yellow...Pkt., 15c.

602. ROSE QUEEN.—Carmine rose, 15c.

603. VIOLET.....15c.

604. MIXED.....10c.

A packet each of the 6 colors, 70 cts.

605. **Heuchera, Hybrida Grandiflora.**—The plant is of a robust growth and flowers very freely, bearing large panicles of blossoms of the size of the Lily of the Valley. Hardy perennial. Mixed colours. Pkt., 15 cts.

606. SANGUINEA.—Beautiful hardy perennials. The foliage is evergreen, flowers fiery coral, shading to brilliant crimson. Borne on graceful spikes. A charming cut flower. Pkt., 15 cts.

HOLLYHOCK.—In situations suitable for all flowers we know of nothing better than the Hollyhock, and yet the improved varieties do not grow very high, from four to six feet being about the average. New plants are obtained from seed and by dividing the root. Seed sown in the summer will give plants that will endure winter. The plants may be protected during winter with a little straw and evergreen boughs or leaves. Hardy perennial. See also Plant Department.

607. Crimson.....Pkt., 15c. 609. Scarlet.....Pkt., 15c. 611. White.....Pkt., 15c.

608. Rose.....15c. 610. Yellow.....15c. 612. Maroon.....15c.

614. Extra Choice Double Mixed.—Per pkt., 15 cts. 613. Newport Pink 15c.

615. Collection of a packet, each of the above 7 colours, 80 cts.

616. **Allegheny.**—Mammoth flowers, wonderfully formed of loosely arranged fringed petals which look as if made from the finest China silk. The colours vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. Per pkt., 15 cts.

Hollyhocks (Annual).—5 ft. The perennial varieties flower only the second year if grown from seed; these annual kinds, however, bloom the first year, if sown in the open ground in May, they will be in flower in August, but if started indoors and set out in May, they will bloom in July. They are continuously covered with large flowers in many beautiful colors.

618. **EVERBLOOMING SINGLE MIXED.**—Large single flowers exhibiting every shade known in Hollyhocks. ½ oz., 40 cts.; pkt., 15 cts.

619. **EVERBLOOMING DOUBLE MIXED.**—Double and semi-double. Pkt., 15 cts.



Hollyhock

HELIOTROPE.—One of the finest classes of plants for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding. Tender perennial.

630. Lemoine's Giant.—Of robust growth, and produces heads of flowers double the size of the old sort, mixed colours. Per pkt., 20 cts.

631. REGAL.—A new variety with immense flower heads of the Giant type, but of dwarf, compact growth, all shades. Per pkt., 25 cts.

632. MIXED.—All colours of the regular type. Pkt., 10 cts.

HELENIUM, Sneese Wort.—Strong-growing hardy perennials, succeeding in any kind of soil and useful in any border, giving an enormous crop of flowers in the late summer.

633. RIVERTON GEM.—Of strong growth, 2½ to 3 feet high. Covered all summer with brilliant flowers which on opening are old-gold suffused with terra-cotta, changing as they mature to a wall-flowered. Pkt., 15 cts.

634. RIVERTON BEAUTY.—Similar to the preceding in every way except colour, the petals being a rich lemon-yellow surrounding a large cone of purplish-black; a striking combination. Pkt., 15 cts.

635. Hibiscus, Africanus.—Robust garden annuals; large saucer-shaped flowers of creamy yellow with purple centre. If sown early will bloom the first year. 2 feet. Pkt., 15 cts.

636. CRIMSON EYE.—Flowers of the largest size pure white, with a large spot of velvety crimson in the centre; hardy perennial; flowers the first year if sown early. Pkt., 15 cts.

637. Grandiflorus Sunset.—A very beautiful decorative plant for greenhouse or conservatory, with soft clear yellow flowers, fully four inches across, each petal having a conspicuous maroon blotch at its base. Although the individual flowers last only a short time they are produced so freely and in such quick succession that a grand display is maintained for a long time. The plants attain a height of about 3 to 4 feet. Pkt., 25 cts.

638. HONESTY.—**LUNARIA BIENNIS.**—Good early-flowering plants; the seed-vessels, which are flat and broad, look like transparent silver, and are very pretty for winter bouquets of dried flowers. Height, 2 feet. Mixed. Per pkt., 10 cts.



Humulus (Japanese Hop)

639. HUNNEMANNIA.—**FUMARIAEFOLIA.**—This is by far the best of the Poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with large butter-cup yellow poppy-like blossoms and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. Hardy annual. Pkt., 15 cts.

640. HUMULUS JAPONICUS.—(**JAPANESE HOP**)—A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. ¼ oz., 25 cts.; pkt., 10 cts.

641. VARIEGATUS.—A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its bright variegated foliage until frost. ¼ oz., 30 cts.; pkt., 10 cts.

642. INCARVILLEA, Delavayi.—Beautiful hardy perennial plant with long, flexible branches. Forms large roots the first year, which should remain in the ground the next season, and thereafter they throw up large flower stalks, 3 feet high, bearing large tubular flowers of rosy carmine, spotted with yellow; the throat is brown. Per pkt., 15 cts.

643. Hybrida Grandiflora.—This plant is a grand improvement on the old I. Delavayi, the flowers being of a much darker carmine, and double in size, besides appearing a fortnight earlier and leaving off flowering four weeks later. Pkt., 25 cts.

IMPATIENS.—Charming plants for the decoration of the greenhouse or dinner table, also for bedding out in partial shade, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

644. SULTANA.—Flowers of brilliant rosy-scarlet colour. Pkt., 25 cts.

645. HOLSTII HYBRIDS.—Hybrids of I. Holstii, and like their parent, form strong bushy plants about 2 feet high, covered with attractive flowers, throughout the entire summer and fall. In fact, when grown as pot plants, they bloom the year around. Choicest mixed, 25 cts.



Hunnemannia

Please Order Flower Seeds by Number

649. IPOMOEA, Cypress Vine (*Ipomoea Quamoclit*).

—Very popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers, annual. Pkt., 10 cts.

650. GRANDI FLORA (Moon Flower).—At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers, 5 to 6 inches in diameter. Grows very rapidly, annual. Pkt., 10 cts.; oz., 75 cts.

651. JACOBAEA, Elegans Fl. Pl. (*Senecio*).

—For large beds and mixed borders the Jacobaea is very effective. Hardy annual. Mixed colours. Per pkt., 10 cts.

652. KOCHIA, Childsii.—(Summer Cypress, Burning Bush.)

2½ ft. This is very fine and supersedes *Tricophylla*. The globe-shaped or pyramidal bushes are close and compact and of a pleasing light green color. The plant may be grown singly or in the form of a hedge or background. In early Autumn the whole bush becomes carmine or blood-red, whence the name of Mexican Fire Plant, Burning Bush, etc. Flowers small and numerous, but not conspicuous. The beauty of the plant is in its shape and color. Pkt., 10 cts.

LAVATERA.—A very beautiful and showy hardy annual, growing about 2 feet high and

covered during the entire summer with large cup-shaped flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. For winter flowering start seed about August; prick off when ready into two inch pots and pot on as required. Keep close to the glass in cool house. Can be flowered easily in a six inch pot.

653. ROSEA SPLENDENS.—Pink. Per pkt., 15 cts.

654. ALBA SPLENDENS.—Pure white. Pkt., 15 cts.

655. Lavatera Splendens "Sunset."—

This new variety, "Sunset," we claim to be a great advance on any *Lavatera* yet introduced, the charming brightness of its colour, a very deep rose pink, being most effective. The habit of the plant is also an improvement on any other variety in commerce, growing to a height of 2 to 2½ feet, and more compact. Very useful for beds and pots, and as a cut flower it lasts a considerable time. Pkt., 20 cts.

656. LINUM, Coccineum. (*Scarlet Flax*. —

One of the most effective and showy bedding plants with brilliant scarlet crimson flowers; hardy annual, 1 foot. Pkt., 15 cts.

657. LINARIA, Cymbalaria (*Kenilworth*).

—Lavender and purple. A charming neat, hardy perennial trailing plant, suitable for baskets vases, porches and rock work. Pkt. 15 cts.



Kochia

LYCHNIS.—Handsome hardy perennial plants of easy culture, growing in any rich garden soil; for massing in beds and borders; blooming the first year if sown early.

660. CHALCEDONICA (Jerusalem Cross).—Large scarlet flower-heads; 2 feet. Per pkt., 15 cts.

661. HAAGEANA.—Brilliant orange, scarlet, 1 foot. Pkt., 15 cts.

662. LYCHNIS ARKWRIGHTII, New.—

A cross between *L. Chalcedonica* and *Haageana*, having the upright habit of *Chalcedonica*, with the flowers of *Haageana*, but very greatly improved. A botanical novelty of great merit and a decided acquisition. Pkt., 25 cts.

LARKSPUR.—These are splendid hardy annuals, which when sown in clumps in front of shrubbery make a pleasing effect and the slender flower-stalks, when cut, are most desirable for vases. Seed should be sown as early in the Spring as possible where they are to flower.

Double Stock-flowered.—The finest variety with splendid spikes of beautiful double flowers. 2½ to 3 feet.

- | | |
|---|--------------------------------|
| 664. Dark Blue.....Pkt., 10c. | 667. Shell Pink.....Pkt., 10c. |
| 665. Lilac.....10c. | 668. Sky Blue.....10c. |
| 666. Carmine.....10c. | 669. Pure White.....10c. |
| 670. FINEST MIXED.—All colors. ¼ oz., 25 cts.; oz., 75 cts.; pkt., 10c. | |
| 671. COLLECTION.—A packet each of the above 6 colors, 50 cts' | |

LATHYRUS.—(Everlasting or Hardy Sweet Peas).—Showy free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

672. Lathyrus, Latifolius, The Pearl.—

A grand introduction, with very large, pure white flowers produced in great profusion and twice the size of the old white variety. Hardy perennial. Pkt., 15 cts.

673. PINK BEAUTY.—Rose pink. Pkt., 15 cts.

674. MIXED.—All colours. ½ Oz. 60 cts.; pkt., 10 cts.



Larkspur

LOBELIA

One of the finest plants for edgings and baskets, all are half hardy annuals excepting *Cardinalis*, which is a hardy perennial.

680. "Tenuior Compact" New.—The one point hitherto lacking in this handsome *Lobelia* has been a really dwarf compact habit, in the forms at present known the flowers being borne too sparsely on the plant. In our new strain the plant does not exceed 4 to 5 inches in height, and produces its large Cobalt blue flowers very freely, the effect of the colour being enhanced by a clear white eye. It should prove of great value for bedding purposes. Pkt., 20 cts.

681. Hybrida "Sapphire."—A splendid hanging *Lobelia* for balconies and flower stands. The blooms are unusually large deep blue with a large white eye—and are thickly set on the long graceful sprays of foliage, which often attain a length of 2 feet. Pkt., 20 cts.

682. TENUIOR.—Of upright habit, about 15 inches high, with very large flowers of rich Cobalt blue with white eye. Splendid for pots or bedding. Pkt., 20 cts.

683. EMPEROR WILLIAM.—Compact; flowers sky-blue. Per pkt., 15 cts.

684. CRYSTAL PALACE COMPACTA.—Dark blue, the best for edging and carpet-bedding. Seed saved from cuttings. Per pkt., 15 cts.

685. WHITE GEM.—Forms a ball of snow-white flowers, presenting a fine appearance. Per pkt., 15 cts.

686. ERINUS GRACILIS.—Blue, fine for baskets or trailing purposes. Per pkt., 15 cts.

687. HETEROPHYLLA MAJOR.—Very large, brilliant sky blue, with white eye, one of the best, coming into flower early and continuing to frost. Pkt., 15 cts.

688. *Cardinalis* Hybrids.—Flowers large and of splendid shades, of rose, red, lilac, purple, etc., in bloom from July to October; 2 feet. Hardy perennial. Pkt., 50 cts.

701. LUPINUS.—Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various coloured pea-shaped flowers; valuable for mixed borders and beds; prefers a little shade from the noon-day sun; 2 feet. Mixed. Per pkt., 10 cts.

Lupinus Polyphyllus.—Effective hardy perennial, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:

702. ROSE.....	Pkt., 10c.	704. BLUE.....	Pkt., 10c.
703. WHITE.....	10c.	705. MIXED, oz., 50 cts.....	10c.

706. *Lupinus Polyphyllus* Moerheimi.—

The finest of all hardy *Lupinus*, and offered in seed form for the first time last year. Plants are of robust habit, about 3 feet high, bearing spikes over a foot long of beautiful flowers; in colour and combination of pure white and dark pink. Pkt., 15 cts.

707.—A packet each of the above 4 separate colors, 40 cts.



African Marigold

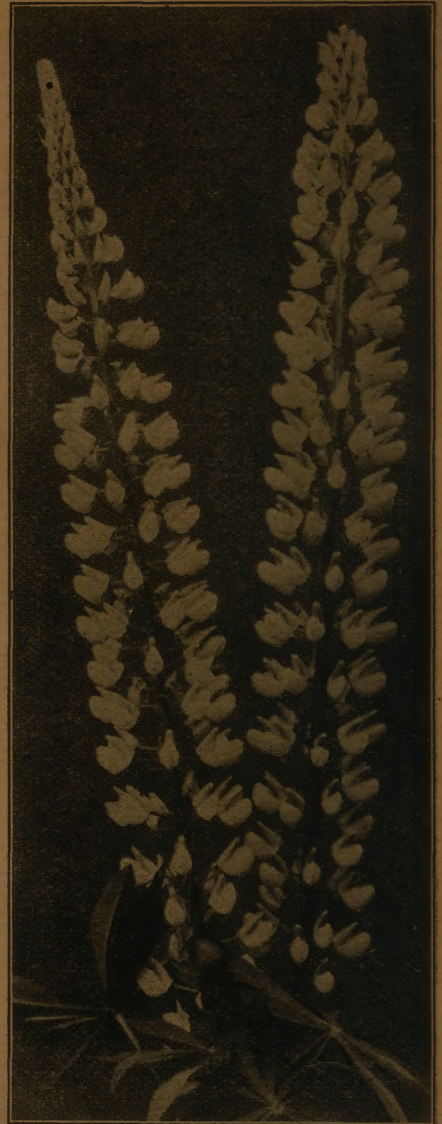
710. MALVA, Moschata.—Hardy perennial. Rose-pink flowers

flowering the first season if sown early. 2 feet. June to August. Pkt., 10 cts.

711. MOSCHATA ALBA.—Pure white flowers. Pkt., 10c.

MARIGOLD

Old-fashioned flowers, rich and showy, blooming continually all summer; excellent for bouquets and a beautiful garden plant. Tall African varieties best for garden and cutting, while French varieties are fine for edging. Annual.



Lupinus Moerheimi

FRENCH VARIETIES

714. Dobbie's Selected.—Neither trouble nor expense is spared to keep these pure. Every seed offered being saved from extra special plants bearing the finest double striped flowers only, and we never had the pleasure of offering better seed than we do this year. Mixed, per pkt., 15 cts.

715. GOLD STRIPED.—Very double, deep brownish red striped yellow; 1 foot. Per pkt., 10 cts.

716. LEGION D'HONNEUR (Little Brownie).—A single flowering Marigold, forming compact bushes 6 inches high. Begins flowering early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. Best for edging. Per pkt., 10 cts.

717. DOUBLE MIXED.—Pkt., 10 cts.; oz., 30 cts.

AFRICAN VARIETIES.

718. Dobbie's Selected.—Guaranteed to have been saved from double striped flowers only. Pkt., 15 cts.

719. ORANGE PRINCE.—A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. Pkt., 10 cts.

720. LEMON QUEEN.—Large lemon coloured flowers. Pkt., 10 cts.

721. EL DORADO.—Flowers very large, imbricated and extremely double. Colours all shades of yellow. Per pkt., 10 cts.; oz., 30 cts.

722. LARGE AFRICAN.—Double, orange and lemon, mixed; 2 to 3 feet. Per ¼ oz., 30 cts.; pkt., 10 cts.

723. Single Orange Beauty.—This is a most desirable new variety, with petals beautifully frilled and evenly arranged, and admired by those who prefer the single form. Pkt., 15 cts.

730. MATTHIOLA Bicornis (Evening scented Stock).—15 inches. The flowers in the morning, evening and after a shower emit a delicious perfume perceptible at a considerable distance. Annual. Pkt., 15 cts.

731. MATRICARIA Grandiflora Fl. Pl.

Eximia—(Feverfew).—Double pure white flowers are borne on slender stems 15 inches high, which are excellent for cutting. Half-hardy perennial, which should be treated as an annual. Pkt., 15 cts.

732. EXIMIA, GOLDEN BALL.—Compact growing variety, with golden yellow flowers. Excellent for bedding. 1 foot. Pkt., 25 cts.

733. MARVEL OF PERU. Four O'Clocks.—This is another good old-fashioned flower of bushy habit bearing hundreds of flowers during the season of white, yellow, crimson and violet. Some varieties combine two or more of these colors in spots, flakes and splashes in such manner as to give the flowers a most bizarre effect. Very charming when used as a hedge plant, rivaling the privet with its glossy foliage very closely set and dotted all over in the afternoon with a multitude of fairy flowers. Seed should be sown early and thinly in drills where the plants are to bloom 2 1/2 feet. Pkt., 10 cts.; oz., 60 cts.

MAURANDIA.—These charming climbers cannot be too highly praised for their beautiful flowers and foliage, admirably adapted for hanging baskets, vase and trellis-work. Tender perennial.

734. BARCALYANA.—Deep violet, 10 feet. Pkt., 20 cts.

MALOPE.—Very ornamental hardy annual plants of vigorous growth, branching freely, and producing large flowers of brilliant crimson, or of pearly white. These showy plants are of easy culture, in almost any garden soil, but succeed best in a sandy one, and in a sunny situation. Sow seeds under glass or in the open border.

735. GRANDIFLORA.—Flowers single rose. Pkt., 10 cts.

736. GRANDIFLORA ALBA.—Single white. Pkt., 10 cts.

MESEMBRYANTHEMUM.—Dwarf, trailing hardy annuals for rockeries, edgings and vases.

737. CRYSTALLINUM (Ice Plant).—Singular icy foliage; flowers white. Pkt., 10 cts.

MIGNONETTE

Seed of Mignonette may be grown at any season so that by having pots prepared at different times a succession of flowers can be secured. Seed sown early in the garden will give flowers throughout summer. Planted in a cool place it will continue to bloom all through the fall.

740. Dobbie's Giant.—The largest, most robust and fragrant variety in commerce producing in great profusion the largest spikes of flowers yet known, many of them measuring from 14 to 18 inches in length, and plants carry, when well grown, 50 to 60 spikes. Invaluable for competition, cutting or bedding purposes. Pkt., 20 cts.

741. Montreal Market.—This is an extra choice strain of Mignonette for green-house culture. Our seed is green-house grown, raised by a most careful grower. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. The seed is all saved from selected plants having from 3 to 5 shoots to a plant and the spikes measuring from 10 to 18 inches long. Pkt., 25 cts.

742. ALLEN'S DEFIANCE.—Spikes from 12 to 15 inches long, deliciously fragrant, more so than any other variety. Per pkt., 15 cts.; 1/2 oz., 60 cts.



Mignonette Dobbie's Giant

745. ORANGE QUEEN.—The finest of all mignons. Pkt., 10 cts.; oz., 80 cts.

746. GOLIATH.—Of strong, yet compact habit, with rich green foliage, the giant trusses of flowers being borne on erect, strong stiff stalks and surpassing all others in brilliancy of colour. Per pkt., 15 cts.

747. GIANT MACHET.—Plant dwarf and vigorous, producing many large spikes of very sweet-scented red flowers; fine for pot culture. Per pkt., 15 cts.; 1/2 oz., \$1.00.

748. Bismarck.—The red flowers are larger in every way than those of other sorts; the spikes are very dense; its foliage is distinct, being crinkly, while its odor is strong and most delicious. Pkt., 15 cts.

749. WHITE PEARL.—Large spikes of pure white flowers, very fragrant. Pkt., 10 cts.

750. LARGE-FLOWERING PYRAMIDAL.—Flowers large, of a reddish tint; a good variety for the open ground. Per pkt., 10 cts.; oz., 50 cts.

751. SWEET-SCENTED (Reseda Odorata).—The old variety with small spikes, but very sweetly-scented. Per pkt., 10 cts.; oz., 35 cts.

MIMULUS.—Admirable pot plants, and equally adapted for the garden. The colour and markings of the large Gloxinia-shaped flowers are rich in the extreme. Half-hardy perennial.

752. SUPERB PRIZE STRAIN.—Containing the most brilliant colours, as well as largest flowers. Per pkt., 15 cts.

753. MOSCHATUS (Musk Plant).—Foliage emits a strong musky perfume, yellow, 1/2 foot. Per pkt., 25 cts.

754. MUSA ENSETE.—(The Abyssinian Banana Plant).—A foliage plant of magnificent proportions; for subtropical effects on lawns or as specimens in tubs. Per pkt., 25 cts.



Matricaria Double White

MYOSOTIS (Forget-me-not).

The Forget-me-nots succeed best in a shady, moist situation; perennials and hardy, if given a slight protection through the winter, bloom the first year from seed if sown early. Fine for edging or in beds with Pansies.

759. Ruth Fischer.—The largest and finest Forget-me-not; flowers measure from 3-8 to 1/2 inch across and are of a lovely sky-blue; of great value for forcing, pot culture or Spring bedding. Pkt., 20 cts.

760. SUTTON'S ROYAL BLUE.—This is a grand addition. The flowers being of larger size and a deeper blue than any other. Per pkt., 20 cts.

761. ROBUSTA GRANDIFLORA "TRIUMPH."—A new Forget-me-not, with large blue flowers. Commences to bloom in eight weeks' time. Pkt., 20 cts.

762. DISSITIFLORA.—Large-flowering sky-blue Forget-me-not. Per pkt., 15 cts.

763. DISSITIFLORA ALBA.—Large flowering white variety. Per pkt., 15 cts.

764. ALPESTRIS.—Fine mixed. Per pkt., 15 cts.

765. Sutton's Pot Myosotis.—Forget-me-nots are delightful subjects for flowering indoors at Christmas-time. Sown in June and potted on, the strain we offer produces fine free-growing specimen plants, and a batch should always be reserved for cutting. For table decoration in winter, Forget-me-nots are very telling. Height, 15 inches. Pkt., 75 cts.

NASTURTIUM

The varieties of the Tom Thumb class are as indispensable as Geraniums for summer decoration of beds and borders. They bloom profusely in any soil for a long period, but exhibit their flowers to the greatest advantage on poor land. Hardy annuals.

DWARF VARIETIES**769. Queen of Tom Thumbs.**

(Variegated foliage).—We have much pleasure in now offering this beautiful variegated Nasturtium in mixture. The colours range from the deep crimson of the parent to yellow, buff and spotted. Very showy. Pkt., 10 cts.; oz. 45 cts.

PRICE: Any of the following sorts, 10 cts. per pkt.; oz., 40 cts.

770. BRONZE COLORED.—Of a peculiar burnished bronzed color.

771. GOLDEN KING.—Golden yellow flowers. Very fine.

772. CLOTH OF GOLD.—Yellow foliage, scarlet flowers.

773. CHAMELEON.—Mottled crimson, bronze and yellow.

774. CRYSTAL PALACE GEM.—Sulphur, maroon spots.

775. EMPRESS OF INDIA.—Dark leaves, crimson flowers.

776. KING THEODORE.—Flowers very dark.

777. PEARL OR MOONLIGHT.—Light cream.

778. PRINCE HENRY.—Light yellow marbled scarlet.

779. SPOTTED KING OR LADYBIRD.—Golden yellow, spotted garnet.

785. REGALIANUM.—Deep purplish crimson.

786. ROSE.—Soft carmine rose.

787. VESUVIUS.—Salmony rose, dark foliage.

788. FINEST MIXED.—Pkt., 10 cts.; oz., 40 cts.

TALL OR CLIMBING VARIETIES

790. Ferguson's Giant Mixed.—This mixture can not be excelled for large size and beautiful colours of the flowers. Composed of the largest and finest varieties. Pkt., 10 cts.; oz., 30 cts.

791. Tall Queen Hybrids—(Variegated foliage).—We have much pleasure in now being able to offer a really good mixture of this charming section of tall variegated leaved Nasturtium. The mixture comprises 7 or 8 shades, all bright and very effective. The beautiful bright colours mixed with the variegated leaves have a grand effect when grown on arches or trellis work. Pkt., 10 cts.; oz., 40 cts.

PRICE: Any of the following sorts, 10 cts. per pkt.; oz., 35 cts.

792. CHAMELEON.—Different richly-colored flowers on the same plant.

793. CRIMSON.—An improved form of a large-flowered crimson nasturtium.

794. DUNNETT'S ORANGE.—Deep orange, marked with crimson blotches.



Nasturtium

795. KING THEODORE.—Very showy; dark-green leaves, with rich velvety-crimson flowers of large size.

796. PEARL OR MOONLIGHT.—Creamy white.

797. PRINCE HENRY.—Cream, spotted and tipped scarlet.

798. ROSE.—Bright soft rose.

799. SCHULZII.—Rosy scarlet, dark foliage.

804. SHILLINGI.—Bright yellow with maroon blotches.

805. VESUVIUS, or SALMON QUEEN.—Rich deep apricot.

806. Hybrids of Madame Gunter.

A most beautiful strain, flowering profusely, and having a wide range of bright and distinct colourings, embracing rose, pink, salmon, scarlet, velvety dark maroon, light yellow, and deep orange in self-colours, as well as showy striped and blotched. Per pkt., 10 cts.; oz., 40 cts.

807. LOBB'S FINEST MIXED.—This mixture is composed of the finest and most distinct varieties in this grand free-flowering type. Planted in masses, it will produce most gorgeous and showy effects. Per pkt., 10 cts.; oz., 40 cts.

You miss many a "good treat" if you don't grow some of the rarer vegetables, such as Kohl-Rabi and Celeriac. Kohl-Rabi resembles Cauliflower in taste, and, since it grows quickly, can be had much earlier. Celeriac is simply delicious for flavoring, but there is nothing to compare with Celeriac Salad. Boil the roots in salt water, slice, cool, and serve with vinegar, oil, salt and pepper.

808. NEMESIA. Strumosa Suttoni.

One of the most beautiful annuals that has ever been introduced. It grows to a height of about 15 inches, and the variation in the colour of the flowers is one of its most interesting features. Pkt., 25 cts.

809. NEMOPHILA.—Splendid hardy annual for garden decoration; bright colored flowers in shades of blue, white and violet. 1 foot. Per pkt., 10 cts.

810. NICOTIANA. Affinis.—Hardy annual producing fragrant tube-shaped pure white flowers; 2 to 3 feet. Pkt. 10 cts.; oz. 20 cts.

811. SANDERAE.—Large carmine red flowers produced in great abundance on well-branched plants. 2 feet. Pkt. 15 cts.

812. NIGELLA. Miss Jekyll.—Those who require plenty of long-stemmed graceful flowers of an attractive cornflower-blue should obtain seed of this delightful variety of "Love-in-a-Mist." An annual so easily grown which produces attractive flowers and graceful foliage too is bound to become popular. Pkt. 10 cts.

813. Miss Jekyll. Pure White.—Quite a new departure the well-known Miss Jekyll Nigella in pure white which stands out bold against the green foliage and a pretty contrast to the sky-blue of the original variety. Should make a valuable addition to the annual border most decorative for parlor and florist alike. Pkt. 15 cts.

814. DAMASCENA.—Pretty garden half-hardy annuals with feathery green foliage on which large double charming blue or white flowers are set. 1 to 2 feet high. Per pkt. 10 cts.

815. NOLANA.—A pretty trailer bell-shaped flower suitable for hanging baskets, etc. Hardy annual. Grandiflora Mixed. Per pkt. 15 cts.

816. PHYSALIS. Francheti.—Chinese lantern plant. A large and ornamental variety of the Ground Cherry or Strawberry Tomato. The lantern like fruits are large edible and brilliant orange red. A very showy hardy annual. 2 feet. Pkt. 10 cts.

820. PERILLA. Nankinensis.—Ornamental foliage plants of compact habit; similar to Coleus with leaves of a black mulberry colour; showy garden annual. 1½ feet. Pkt. 10 cts.

821. PHACELIA CAMPANULARIA.—One of the most charming early annuals for border planting. From seed sown early in April it begins to bloom early in May and all summer long where the weather remains cool. The flowers are a beautiful clear deep blue color with contrasting white stamens and are produced in remarkable profusion against a background of rich green foliage. Pkt. 15 cts.



Nigella

PENTSTEMON.—Beautiful hardy perennial; flowers of various rich colours produced on tall spikes. Blooms profusely the same season if sown in heat during February or March. Height 2 feet.

822. Well's Grand Diploma Strain.—An entirely new race giving the most glorious combinations of colours in scarlet, crimson, pink and white. The plants grow 2½ feet high with flower-spikes 18 inches long, the individual flowers being 2 inches across. A bed of these makes a most brilliant display. Pkt. 25 cts.
823. LARGE FLOWERING HYBRIDS.—Mixed colours. Per pkt. 15 cts.

POLYANTHUS. Primula Elatior.—Showy early spring free-flowering plants fine for either pot or outdoor culture; hardy perennial.
824. ENGLISH.—The best single all colours mixed. Pkt. 15c.

825. PLATYCODON. Chinese Bell Flower.—Hardy perennial bearing large broad bell-shaped white or blue flowers; very handsome for garden decoration. 1½ feet. Mixed colours. Pkt. 15 cts.

PORTULACA.—This plant will grow and bloom profusely in a dry hot situation where almost any other plant would soon die. Hardy annual.
826. SINGLE ROSE.—¼ oz. 30 cts.; pkt. 10 cts.
827. SINGLE SCARLET.—¼ oz. 30 cts.; pkt. 10 cts.
828. SINGLE WHITE.—¼ oz. 30 cts.; pkt. 10 cts.
829. SINGLE YELLOW.—¼ oz. 30 cts.; pkt. 10 cts.
830. SINGLE MIXED.—All colors. Per oz., 70 cts.; pkt. 10c.
831. COLLECTION of 4 single varieties, 35 cts.
832. DOUBLE MIXED.—A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. ¼ oz., 75 cts.; pkt., 20 cts.

833. PUERARIA. Thunbergiana.—One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms. Pkt., 15c

I wish to thank you for the splendid results I have had from your seeds this year. My SWEET-PEAS are six feet high, and have been blooming since the 12th of June. They are, I have been told by many, the best ever seen in this city. The Ten-Week STOCKS have been magnificent, also the SCABIOSA. I have the best Seed ONIONS in the city. Great interest is shown among the men in the G. T. R. Shops here, and I think that your firm will benefit by sending out such splendid Seeds.

Thanking you again for such good results, and I trust that I may have the same results next year from your Seeds.

Yours sincerely,

STRATFORD, ONT.

W. BURDEN,



Physalis Francheti

PANSIES

Pansies thrive best in a cool, moist, but well-drained soil enriched with well-rotted barnyard manure or fine ground bone. Seeds sown in spring in a partially shaded situation will produce fine plants for autumn flowering. The finest blooms are to be obtained, however, by sowing in July or August, giving the plants protection during winter, when they will bloom profusely in the spring or summer.

838. Curled.—(New).—A beautiful new type, flowers finely curled and fimbriated, having the appearance of a double flower. Of various colours, comes very true to type from seed. Pkt., 50 cts.

839. Scotch Exhibition Fancy.—A splendid strain, producing a rich assortment of blooms of large size, excellent substance and the most beautiful colours; having been carefully hybridized, it will give out many striking novelties; mixed. Pkt., \$1.00.

The best varieties are very shy seeders, hence really good seed is always scarce.

840. Ferguson's Giant Show Pansy.—Saved from a fine collection of named varieties and containing greater variety than any other strain, the best of every type being included. The flowers are large and well formed, and, for brilliancy, variety of colour and form are unequalled for either show or decorative purposes; mixed. Pkt., 50 cts.

841. FRENCH LARGE FLOWERING.—Very fine mixed. All colours of French Pansies. Pkt., 15 cts.

842. GOOD QUALITY MIXED.—Many rich colours. Per pkt., 10 cts.

843. PARISIAN GIANT IMPROVED.—This new strain produces very handsome and beautifully marked flowers. They are of enormous size and in spring-time often measure four inches across. The odour is also so strong that one can fairly call it "Sweet Scented Pansy." Per pkt., 25 cts.

844. EROS.—This novelty produces flowers of a deep velvety brown colour, with a broad golden yellow margin. The chief characteristic of this variety is that the back of each blossom has the same broad margin as the front, making it valuable for bedding. Pkt., 25 cts.

845. BUGNOT'S SUPERB BLOTCHED.—Very beautiful class. Large flowers with broad blotches, many having the two upper petals finely lined; great diversity of handsomest and rarest colours. Per pkt., 40 cts.

846. TRIMARDEAU.—Splendid mixed colours. The very best for market gardeners. Pkt., 25 cts.

847. CASSIER'S GIANT BLOTCHED.—Large, rich and showy. Of the popular Odier type; fine form and good substance. Plants neat and compact. Pkt., 50 cts.

848. MME. PERRET.—Distinguished from existing sorts by the great diversity of colours; especially rich in red shades. Pkt., 25 cts.

849. MASTERPIECE.—A remarkable type, the border of each petal being conspicuously curled or waved giving the flower a double or globular appearance. All colours mixed. Pkt., 25 cts.

854. EMPEROR WILLIAM.—Brilliant ultramarine blue, with purple-violet eye. Pkt., 25 cts.

856. LORD BEACONSFIELD.—Violet, upper petals shading to white. Pkt., 25 cts.

857. BRIGHT GOLDEN YELLOW.—Very fine for bedding. Pkt., 25c.

858. ODIER or LARGE-EYED.—Dark spots on petals, large eyes, showy. Pkt., 50 cts.

859. PEACOCK.—A striking variety; the upper petals being of a beautiful ultra-marine blue, while the lateral and lower petals are of a deep scarlet with white margins. Pkt., 25 cts.



Ferguson's Giant Show Pansy



Physostegia Rosea Compacta

860. FAUST, KING OF BLACKS.—Almost black; the darkest Pansy known. Pkt., 25 cts.

861. SNOW-QUEEN (Candidissima).—Very large, satiny white, light yellow centre. Per pkt., 25 cts.

862. GIANT FIRE KING.—Mahogany and gold. Per pkt 25 cts.

863. IMPORTED COLLECTION.—Twelve giant varieties. 75 cts.

864. PHYSOSTEGIA. Virginica Rosea Compacta.—This flowering plant may be classed as one of the finest herbaceous plants for border and for cutting alike. It surpasses the old kind by its compact habit, its size and abundance of flowers. Sown early in spring, it will flower the first summer; perfection, however, is attained in the second year. Pkt., 20 cts.

PYRETHRUM.—Handsome herbaceous plants of easy culture. "P. Aureum" is the well-known Golden Feather so much used for carpet bedding, edging, etc. "P. Hybridum" and varieties are amongst the handsomest of hardy flowering herbaceous plants.

865. AUREUM (Golden Feathers).—Bright yellow foliage. Pkt., 10 cts.; oz. 80c

866. HYBRIDUM.—Hardy perennial, bearing large Aster-shaped flowers, ranging in colours from light pink to deep red, with bright yellow centres. 2 feet. Per pkt., 20 cts.

867. HYBRIDUM FL. PL.—Large flowering double mixed. Beautiful colours. 1½ feet. Pkt., 25 cts.

TESTIMONIAL

YOUR GLADIOLI was very satisfactory.

(Signed)
August 28, 1922.
Extract from letter.

MacALPINE & ROWAN,
Sudbury, Ont.

PETUNIA

Large-Flowering Petunias

870. D. & F's. California Giants.

(Re-selected).—The flowers of this re-selected strain are deep throated and very large; of great excellence and variety; with striped, blotched and self-colourings, and many fine named Giants varieties and Ruffled Giants, etc. ½ pkt., 30 cts.; pkt., 50 cts.

871. Fringed Ruffled Giants.

This new strain of Ruffled Giants represents the highest type of single Petunias yet offered. The flowers are exquisitely ruffled and fringed, and are of enormous dimensions (4 to 5 inches across), but their great merit lies in the tremendous varieties of colours, markings, veinings, blotchings and stripings, in the most beautiful combinations. Small pkt., 40 cts.; large pkt., 75 cts.

872. Grandiflora. Emperor.

Large blossoms, distinct in form, colour and markings from the foregoing strains. The solid colours are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars; others are distinctly striped. The finest mixture to be obtained at the price. Pkt., 50 cts.

873. Large Double Fringed.

Large flowers of perfect form and rich colours. Will produce 75% of large double flowers, in all colours, but light shades predominating, a splendid strain, superb. Per pkt., 75 cts.

Single-Bedding Petunias

874. Pride of Portland.—(New).—Producing a large deep rose pink well fringed flower, with whitish yellow throat. Combines well in planting with white or royal purple colours. Excellent for potted plants or box planting; also general bedding. Pkt., 60 cts.

875. Elks' Pride. New.—Unusual and striking deep royal purple flower of large size without fringe. Very free grower and makes an exceptionally rich color contrast in mixed planting or combined with light colours. Not especially suited for potted plants but admired by all wherever seen. Pkt., 60 cts.

876. Rosy Morn.—(New).—Dwarf, bushy plants, bearing in great profusion brilliant



Petunia Fringed Ruffled Giants

liant rose flowers with a white throat. For greenhouse and conservatory decoration it is most effective, whilst its easy cultivation and profusion of bloom render it invaluable for growing out of doors. Pkt., 25 cts.

877. BRILLIANT—A beautiful and effective variety of compact growth, flowers of a brilliant carmine pink. Pkt., 15 cts.

878. SNOWBALL—Compact habit; flowers pure white. Pkt., 25 cts.

879. STAR (Howard's)—A beautiful variety; produces a profusion of crimson maroon flowers, each having a distinct five-pointed white star. Per pkt., 15 cts.

880. INIMITABLE COMPACTA—Bushy little plants covered with pretty striped and star-shaped flowers. Pkt., 15 cts.

881. SPECIAL DWARF BEDDING, MIXED—Select, bright colours. ¼ oz., \$1.00; pkt., 10 cts.

PHLOX DRUMMONDII

Of all summer flowering hardy annuals, the varieties of Phlox Drummondii are unquestionably one of the most brilliant and satisfactory. Seed may be sown in the open ground in May, or earlier in a hot bed; and in either case from July till frost the plants make a most brilliant show of flowers. Set plants about one foot apart; if too thick they suffer from mildew.

Select Large-Flowering Tall Varieties Grandiflora.

The flowers of this section have round petals and larger flowers than the old sorts.

886. MIXED COLOURS.—Per pkt., 10 cts. oz., \$1.00.

887. ALBA.—Pure white. Per pkt., 15 cts.

888. COCCINEA, SCARLET.—Per pkt., 15 cts.

889. ISABELLINA.—Yellow cream. Pkt., 15 cts.

890. SHELL PINK.—Per pkt., 15 cts.

891. STELLATA SPLENDENS.—Scarlet with white eye. Pkt., 15 cts.

892. IMPORTED COLLECTION of 12 Grandiflora varieties, 75 cts.

Large-Flowering Dwarf Varieties

An excellent, compact strain for pot culture or edgings, blooming early and throughout the season. Large flowers in finest colors; 6 inches.

893. METEOR.—Salmon rose. Per pkt., 15 cts.

895. FIREBALL.—Fiery scarlet. Per pkt., 15 cts.

896. SNOWBALL.—Pure white. Per pkt., 15 cts.

897. FINEST MIXED COLORS.—¼ oz., 60 cts.; pkt., 10 cts.

898. Star Phlox.—(Star of Quedlinburg).—Of dwarf habit, with very pretty star-shaped flowers. A novel and beautiful variety; mixed colours. Per pkt., 15 cts.

899. Double Phlox.—Especially desirable for cut flowers, lasting better than the single sorts. To produce the best results they should be grown in a light soil. Finest mixed colours. Pkt., 15 cts.

900. Perennial Phlox.—Hardy herbaceous perennial, all colours mixed, saved from an unequalled collection. Per pkt., 25 cts.



Phlox Drummondii

POPPIES

Good annual varieties of the Poppy are numerous, ranging in size from the little Ranunculus-flowered to the large Paeony-flowered. The plants have strong tap roots, and are difficult to transplant. It is better to sow the seed early in the spring where plants are to flower.

SINGLE HARDY ANNUAL POPPIES

- 905. King Edward.**—New large flowering single variety, color deep scarlet to crimson, with large black blotch at base of petals. Pkt., 15 cts.
906. Shirley Santa Rosa Strain.—Seed grown by Luther Burbank after rigid selection and acknowledged the best and most varied strain in existence. Pkt., 20 cts.
907. SHIRLEY FINEST MIXED.—Oz., 75 cts.; pkt., 15 cts.
908. Admiral.—A single Paeony-flowered variety of surpassing beauty, having large smooth-edged flowers of glistening white with a broad band of brilliant scarlet around the top.
909. DANE BROG.—Large flowers of brilliant scarlet, with a silvery white spot on each petal. Pkt., 10 cts.
910. GLAUCUM (Tulip Poppy).—Pkt., 10 cts.
911. SINGLE MIXED.—Annual sorts. Oz., 30 cts.; pkt., 10 cts.

DOUBLE HARDY ANNUAL VARIETIES

- 912. Double Queen Poppies**—(New).—A most lovely strain of hardy annual Poppies, producing in abundance flowers of the Shirley type but double, of the most delicate and brilliant colours ranging from palest pink through shades of rose and salmon to rosy-scarlet, many charming selfs, others beautifully picotee'd various red shades. Height 2 feet. Exquisite as a cut flower. Pkt., 15 cts.
913. AMERICAN FLAG.—White margined orange-scarlet. Pkt., 10c.
914. CARNATION FLOWERED.—Finest mixed. Pkt., 10 cts.
915. PAEONY FLOWERED.—Mixed. Pkt., 10 cts.
916. RANUNCULUS, or FRENCH, MIXED.—Pkt., 10 cts.

HARDY PERENNIAL VARIETIES

Too much cannot be said of this class of Poppies, as for general effectiveness and brilliancy of display they are unequalled.
917. BRACTEATUM, SCARLET.—Immense orange-scarlet flowers, very similar to the oriental variety. Pkt., 15 cts.

ICELAND NUDICAULE

- 918. SCARLET.**... Pkt., 15c. **920. YELLOW.**... Pkt., 15c.
919. WHITE.... 15c. **921. MIXED.**... 15c.

- 922. New Hybrid Iceland.**—The latest development of this lovely species, varying in colour from sulphur yellow through different shades of orange to chamois and salmon-rose, some of which are very striking. Pkt., 20 cts.



Oriental Poppy

Oriental Poppy.—For gorgeous colouring the Oriental Poppies have few rivals among hardy plants. Their brilliant flowers produce magnificent effect in shrubberies, and herbaceous borders, while for cutting they are invaluable.

- 926. BEAUTY OF LIVERMERE.**—Crimson, with black blotch fine large flowers. Pkt., 20 cts.
927. MAHONEY.—Maroon shaded crimson. Pkt., 20 cts.
928. PRINCESS VICTORIA LOUISE (New).—Bright salmon scarlet, very fine. Pkt., 20 cts.
929. QUEEN ALEXANDRA (New).—Bright rosy-salmon, with conspicuous crimson blotch, distinct. Pkt., 20 cts.
934. SALMON QUEEN.—Salmon-yellow. Pkt., 20 cts.
935. REMBRANDT.—Magnificent orange-scarlet, the most gorgeous of all. Pkt., 20 cts.

- 936. Mixed Hybrids.**—Saved from a large number of named sorts. Pkt., 20 cts.

PRIMULA—Chinese Primrose

Sow from March to June for succession. Seeds are slow in germinating. When sowing, press the seeds well into the soil, as they are apt to rise to the surface, especially if carelessly watered. Prick off thinly into boxes, and allow them to remain until of good size. Keep well exposed to the light to promote a sturdy growth. From first to last avoid using a close or heavy soil; or shifting them until the pots are well filled with roots. Overpotting and over-watering are the main causes of failure with this class of plant.

- 940. Ferguson's Giant Mixed.**—This mixture contains only the very finest sorts selected from the best strains. For size substance, and beautiful colours this strain is unexcelled. Seed is grown by a specialist in England, who raises nothing but Primulas and who is renowned for having the finest Primulas in the old country. Pkt., 75 cts.

- 941. GIANT PINK.**—A charming and delicate shade of this favourite colour. Pkt., 75 cts.

- 942. GIANT WHITE.**—The acme of perfection, and we fully believe it is the finest in its class. Very compact habit, carrying huge trusses of snow-white flowers. Average size of pip, 2 inches. Pkt., 75 cts.

- 943. GIANT SALMON.**—An exquisite deep shade and most striking under artificial light. Flowers of enormous size. Splendid habit. Pkt., 75 cts.

- 944. GIANT CRIMSON.**—Brilliant blood red. Very large flowers, and a splendid grower. Pkt., 75 cts.

- 945. GIANT BLUE.**—Clear bright blue flowers of the largest size. A telling variety and exceedingly pretty. Very scarce. Pkt., 75 cts.



Primula, Chinese Primrose.

PRIMULA

946. Eureka.—Award of Merit R.H.S., May 8, 1917. Eureka is akin to Obconica, but of an entirely new form. The compact flower heads have more the appearance of "Sinensis," large well-shaped flowers with broad overlapping petals, and are carried well above the foliage on stout stems, which obviate any necessity for artificial support—are of a rich rosy carmine, shaded cerise, greatly enhanced by a well-defined clear yellow eye as in Sinensis. The foliage is also quite distinct, being a bright, glaucous green in colour, remarkably undulated and frilled, and of wonderful texture. We claim that Primula Eureka is quite distinct and will prove a rival to Sinensis for general use, and it is practically perpetual flowering. Pkt., 50 cts.

947. Obconica Gigantea.—This new variety is the finest yet introduced; of strong, vigorous growth, with immense heads of large individual blooms; varies in colour from pale lilac to rose. Pkt., 50 cts.

948. Obconica Grandiflora. A profuse bloomer, bearing on long stems, head containing 10 to 15 flowers. Mixed. Pkt., 25 cts.

949. NEW PRIMULA "Malacoides."—Very free flowering species from China and an excellent pot plant for indoor growing; the flowers are $\frac{1}{2}$ to $\frac{3}{4}$ inch across, a light lilac color and will bloom in four months from seed. Pkt., 25 cts.

950. Malacoides Superba New.—A new and improved variety, with larger flowers and better habit than the old sort. It is a deep rosy pink in color, and makes a first-class greenhouse plant for winter decorations. Pkt., 50 cts.

951. Malacoides Alba.—The white variety of the foregoing species and a great acquisition; very chaste and beautiful as a plant or cut-flower. Pkt., 25 cts.

954. PRIMULA Kewensis.—This new variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant. Pkt., 35 cts.

955. PRIMULA Forbesii.—(Baby Primrose). Splendid little primroses for pot culture, blooming in a few weeks after sowing and continuing for months. Per pkt., 30 cts.

HARDY PRIMROSES.—These are amongst the best of the early spring blooming plants.

956. VULGARIS (English Primrose).—Flowers fragrant, canary yellow colour. Per pkt., 25 cts.

960. Japonica Hybrids (Mrs. Scott Elliott's.)—This is a very fine strain, and is the result of several years careful artificial hybridization. The colours range from pure white through all shades of pink to deep crimson. The plants are extremely robust, having flower stems carrying fine heads of bloom, frequently attaining a height of 40 inches. Pkt., 25 cts.

961. JAPONICA (Japanese Primrose).—Bright and showy flowers, borne in whorls on stems 6 to 9 inches; mixed colours. Per pkt., 15 cts.



Primula Obconica Gigantea

962. Primula Stellata. or Star Primrose.—This valuable and very distinct variety should be extensively grown for greenhouse and table decoration. The innumerable star-shaped flowers make an effective contrast to the attractive dark foliage. Pkt., 75 cts.

RICINUS. Castor Oil Plant

Large, luxuriant, rapid-growing annuals, with palm-like leaves; much used for sub-tropical effects on the lawn or for centres of beds of foliage plants.

963. BORBORIENSIS ARBOREUS.—15 feet. Immense purplish green foliage. Per pkt., 10 cts.; oz., 30 cts.

965. Cambodgensis.—Leave bronzy maroon, with red veins, stems black. Per pkt., 10 cts.; oz., 30 cts.

966. GIBSONI.—Branching habit, deep red foliage. Pkt., 10 cts.; oz., 30 cts.

967. SANGUINEUS.—Blood-red stalks and clusters of red fruit; 8 feet. Per pkt., 10 cts.; oz., 30 cts.

968. ZANZIBARIENSIS.—Surpasses all in size and beauty of colours, which include glaucous green, coppery brown, metallic red, brownish-purple, red-maroon and bronze, 8 to 15 feet. Per pkt., 10 cts.; oz., 30 cts.

969. Rose Dwarf Polyantha or Fairy Rose.—Roses from seed the first year. Seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt., 20 cts.; 3 for 50 cts.

970. RUDBECKIA. Bicolor Superba.—

A garden annual about 2 feet high, long-stemmed, golden flowers with maroon spots, effective and fine for cutting. Pkt., 10 cts.

971. NEWMANI.—Hardy perennial. Flowers golden-yellow, with dark maroon centre. 3 feet. Pkt., 15 cts.

972. PURPUREA.—Reddish purple flowers during summer. 3 feet. Hardy perennial. Pkt., 15 cts.



Ricinus

The seeds have all done very well and I am pleased with them.

You can send me your Bulb Catalogue when ready.

(Signed) J. DILLY.

80 Aberdeen Rd. South.

Galt. Ont.

July 13. 1922.

SALVIA Well-known, bushy garden plants about three feet high, producing in the fall immense quantities of dazzling scarlet flowers, very effective for beds and massing on the lawn. Blooms the first season from seed. Tender perennial.

976. America, or Globe of Fire.—This is the earliest, freest and most continuous blooming of all the Scarlet Sages, also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines. Pkt., 25 cts.

977. Canary Bird.—A novel variety of the popular Scarlet Sage, producing good spikes of clear yellow flowers, which contrast nicely with the dark green of the foliage, and a splendid companion to the many scarlet varieties. Pkt. 25 cts.

978. SALVIA "ZURICH."—One of the best novelties of recent years. Compact and rather dwarf of growth this grand new Salvia produces thick flower-spikes as early as July 15 and stays in bloom until the frost kills it, increasing in brilliancy and size as its growth progresses. Pkt., 15 cts.

979. BONFIRE.—A splendid dwarf variety with large erect spikes of rich scarlet flowers. Height, 2 feet. Pkt., 15 cts.

980. PATENS.—Flowers bright blue; of large size. 2 feet. Per pkt., 15 cts.

981. Aurea Grandiflora.—A hardy perennial variety producing during August and September long spikes of pretty sky blue flowers in great profusion. 2 to 3 feet. Pkt. 25 cts.

996. SCHIZANTHUS. Wisetonensis Hybrids.—One of the finest strains of large-flowered hybrids in existence, embracing a wide range of colours from almost pure white through delicate shades of pink to bright rose and crimson, also exquisite mauve and lavender tints, many beautifully blotched and pencilled various darker shades, including bronze and chocolate. Fine compact habit. Pkt., 50 cts.

997. LARGE-FLOWERED COMPACT HYBRIDS.—A new variety forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. Pkt., 50 cts.

998. SENSITIVE PLANT.—Curious annual; the leaves instantly close up when touched. A neat plant for either pot or garden culture. 2 feet. Pkt., 10 cts.

999. SMILAX.—A popular and well-known climber, foliage of a dark glossy green, used largely with cut flowers, wreaths etc. Excellent for parlor or window culture. Per pkt. 10 cts.; oz. 60 cts.



Scabiosa



Salvia

SCABIOSA — (Morning Bride or Sweet Scabious) — One of our handsomest border plants producing in great profusion very double flowers in a variety of shades and colours; a splendid flower for table bouquets etc. Seed can be sown any time in the spring after danger of frost is past. Hardy annual.

IMPROVED LARGE-FLOWERING

1004. AZURE FAIRY.—Clear lavender-blue. Pkt. 10 cts.
1005. CRIMSON.—Rich Rosy Crimson. Pkt. 10 cts.
1006. FLESH PINK.—Delicate tone of Pink. Pkt. 10 cts.
1007. KING OF THE BLACKS.—Velvety Black Purple. Pkt., 10c

1008. RED.—Pkt. 10 cts.
1009. ROSE.—Soft rose color. Pkt. 10 cts.
1011. WHITE.—Pure White. Pkt. 10 cts.
1012. COLLECTION of a packet each of the 7 colors 60 cts.
1013. MIXED.—All colors of the Improved Large-Flowering. Per 1/4 oz. 30 cts.; per oz. 60 cts.; pkt., 10 cts.

1016. Caucasica Perfecta.—A new marvellous variety with large mostly semi-double flowers of a noble form and a soft pale blue colour varying to the darkest colours, hardy perennial. Per pkt., 25 cts.

1017. SHAMROCK. True Irish.—This is the genuine Shamrock and is gathered by a connoisseur on the native land; an excellent pot-plant. Pkt., 10 cts.

1018. SOLANUM. Capsicastrum (Jerusalem Cherry) —There is always a demand for red berried plants around Christmas and this is the most popular of all. Sow early to get good-sized plants. Pkt., 10 cts.

1019. STOKESIA. Cyanea.—One of the most beautiful of our hardy native flowers, grows about 24 inches high, each plant bearing from 20 to 30 handsome lavender blue corn-flower-like blossoms; in bloom from July till frost; most durable. Per pkt., 15 cts.

1020. STEVIA. Serrata.—Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. Greenhouse perennial. Per pkt., 15 cts.

1021. STREPTOCARPUS. Giant Hybrids Mixed.—Charming greenhouse perennials of dwarf, neat habit, with clusters of Achimenes-like flowers borne on erect, slender stems. The colors embrace white, rose, red, purple and violet, many of the flowers being beautifully blotched and striped. 9 inches. Pkt., 50 cts.

In the case of very hard-shelled seeds it will be found a good plan to steep them in tepid water for some hours previous to sowing, as this will hasten their germination.

SWEET PEAS

Grand New Gigantic "Orchid-Flowered"
Sweet Peas of the "Spencer" Type

RECENT NOVELTIES OF HIGH MERIT

1040. Annie Ireland.—Without question the best picotee-edged Sweet Pea ever offered. The colour is pure white, with a very distinct edge of terra-cotta pink. Extra strong, producing plenty of fours on long, stout stems. Pkt., 15 cts.; oz., 90 cts.

1041. Charity.—

A great advance in its color class; a flower of great size and finest form. It is worthy of a place in all first-class collections. The color is a rich brilliant crimson which does not burn in the sun. A vigorous grower; the exquisitely waved flowers are usually produced in fours on very long stems. Pkt., 15 cts.; oz., 90 cts.

1042. Cecily.—Fine salmonpink for exhibition purposes, having more color in it than any other to date. Very firm stems. Pkt., 20 cts.; oz., 90 cts.

1043. Daisybud.—

This beautiful new Sweet Pea resembles in colour the bud of an ordinary daisy, i.e., a soft, yet rich, rose-pink on a white ground. The plant produces very long stems, with four, and often five, perfectly placed and extra large flowers. Pkt., 15c.; oz., 90 cts.

1044. Dobbie's Maroon.—

A perfectly self-coloured flower, the colour being bright chocolate maroon, a most pleasing shade. The flowers are large and handsome, produced lavishly on four-bloom sprays. For exhibition work we strongly recommend it, and for decorative purposes also it is Al. Pkt., 15 cts.; oz., 90c.

1045. Doris.—

A charming rich cherry-pink, this variety is of strong growth, quite sunproof, and bears an abundance of fours on long stems. Pkt., 15 cts.; oz., 90c.

1046. Gladys.—

A most beautiful shade of lilac. Magnificent for exhibition purposes and table decoration. A strong grower. Pkt., 15 cts.; oz., 90 cts.

1047. Hawlmark Pink.—The richest colored Sweet Pea ever seen; rich bright rose pink, deeply flushed and shaded salmon. This is the finest Sweet Pea introduced for several years. Pkt., 15 cts.; oz., 90 cts.

1049. Mascot's White.—The purest and most solid of all white Sweet Peas. The essence of purity. Pkt., 15 cts.; oz., 90 cts.

1050. Lavender George Herbert.—

(Dobbie's Fixed Stock).—One of the best of the lavender varieties, grand for exhibition and garden decoration; strong grower, gives plenty of fours; the colour is bluish lavender. All keen growers must include this variety in their collection. A.M., R.H.S., 1912. Per pkt., 10 cts.; oz., 75 cts.

1055. Mrs. W. J. Unwin.—The brightest and best flaked variety. The ground color is white, beautifully-flaked rich orange-scarlet. Pkt., 10 cts.; oz., 75 cts.



Sweet Pea "Spencer" Type

1057. Mrs. Tom Jones.—A large flower of great substance,

beautifully waved and well placed on long, stout stems. Four-bloomed sprays predominate, with an occasional five. The colour is bright delphinium blue. In the early stages there is a mauve tint in the standard, which deepens to amethyst blue as the flower develops. It is a most attractive and fascinating colour, and is the finest blue pea to date. Pkt., 15 cts.; oz., 90c.

1058. Royal Scot.—

This is the last word in scarlets, quite equalling in brilliance a soldier's tunic. It does not fade or burn in the hottest sunshine. The plant is very strong growing and produces a profusion of stems, carrying four, and an occasional five, nicely placed and beautifully waved flowers. No collection is complete without this one. Pkt., 15 cts.; oz., 90c.

1059. Twilight.—

Deep cream, shaded violet mauve. This variety makes a beautiful combination with Pink Pearl. Pkt., 15 cts.; oz., 90c.

1060. Royal Purple.

Rich Royal Purple, strong grower with beautifully formed flowers, extra long stems. This we consider the best novelty seen last year. Pkt., 10 cts.; oz., 75c.

1061. The President.—It is wonderfully brilliant. The

flowers are of largest size, always beautifully waved even when well expanded. Dazzling orange-scarlet. Pkt., 10c., oz., 75c.

1062. Mrs. J. T. Wakefield.—An exceedingly fine variety, edged and suffused bright scarlet pink on a cream ground, good for exhibition or decorative purposes. Abundance of fours. Pkt., 15 cts.; oz., 90 cts.

1063. Pink Pearl.—The name very accurately describes the colour, which is a charming shade of clear pearly pink. The flowers are large and much waved, and produced in profusion, distinct from all other pinks. Pkt., 15 cts.; oz., 90 cts.

1064. New Buttercup.—Fine deep cream and the nearest approach to a yellow yet introduced, it being deeper in color than Dobbie's Cream, having immense frilled blossoms, bearing four blossoms to a stem, duplex. White seeded. Pkt., 10 cts.; oz., 75 cts.

Gigantic "Orchid-Flowered" SWEET PEAS of the "Spencer" Type.

Cream or Light Yellow

1068. PRIMROSE SPENCER.—Beautiful cream yellow.
1069. DOBBIE'S CREAM.—Rich primrose.
1071. NEW MIRIAM BEAVER.—Soft shell salmon pink on cream ground.

White

1072. CONSTANCE HINTON.—A large, fine, dark seeded white.
1073. WHITE SPENCER.—Pure White.
1074. KING WHITE.—The finest white-seeded pure white.

Pink and White

1075. APPLE BLOSSOM SPENCER.—Rose and pink.
1076. BLANCHE FERRY SPENCER.—Pink and white.
1077. MRS. CUTHBERTSON.—Very large; clear rose pink, white wings.

Blush

1078. FLORENCE MORSE (Mrs. Hardcastle Sykes).—Deep blush pink.

Red Shades

1079. FIERY CROSS.—Fine large waved flowers of fiery scarlet.
1080. KING EDWARD SPENCER (Maud Holmes).—Deep, rich crimson.
1081. VERMILION BRILLIANT.—Large, brilliant scarlet.
1082. THOMAS STEVENSON.—Rich bright orange scarlet.
1083. THE PRESIDENT.—A magnificent and dazzling orange scarlet variety, quite equalling the oriental poppy in brilliance A.M., R.H.S.

Pink Shades

1084. COUNTESS SPENCER.—A rich, pure pink.
1085. DORIS USHER.—Rich pink on cream.
1086. HERCULES.—Giant soft rose-pink.
1087. EDITH TAYLOR.—Soft salmon rose.
1088. MRS. HESLINGTON.—Lavender, suffused with mauve.
1089. MARGARET ATLEE.—Salmon pink or cream. A new shade of pink.

Salmon Shades

1101. BARBARA.—Beautiful salmon color.
1102. HELEN LEWIS.—Rich orange pink.
1103. STIRLING STENT.—Rich salmon, suffused with orange.
1104. ROBERT SYDENHAM.—Beautiful orange scarlet self.
1105. ILLUMINATOR.—A warm orange-rose self or light orange-scarlet. Very large waved flowers.

Buff Pink

1109. CONSTANCE OLIVER.—Salmon pink or cream ground.
1110. JEAN IRELAND.—Creamy buff, deep pink edge.

Rose Crimson

1111. GEORGE HERBERT.—Bright rosy carmine.
1112. ROSABELLE.—Giant deep rose self.

Lavender Shades

1113. ASTA OHN.—Soft lavender, tinted with mauve.
1114. MARGARET MADISON.—Very pale, clear azure-blue.
1115. FLORENCE NIGHTINGALE.—Bluish lavender. One of the best.
1116. R. F. FELTON.—Pinkish lavender.

Blue and Purple

1117. CAPTAIN OF BLUES. Wings bright blue, standard purple.
1118. WEDGWOOD.—Bright blue self.

Maroon

1119. MARKS TEY.—A large, fine rosy-maroon with bluish-mauve wings.
1120. WARRIOR.—Maroon, having flowers of large size and fine form.
1121. KING MANOEL.—Largest, deep maroon.

Flaked and Striped

1125. AMERICA SPENCER.—Red flakes on white.
1126. AURORA.—Cream white, flaked with rich orange salmon
1127. SENATOR SPENCER.—A large and fine striped; seal-brown and claret flakes on white.

Picotee Edged

1128. DAINTY.—Glistening, pure white, with rose-pink edge.
1129. MRS. C. W. BREADMORE (Evelyn Hemus).—Primrose, with rose edge.

- PRICE.**—Any of the above, 10 cts., per pkt.; 50 cts. per oz.; \$1.50 per ¼ lb.
1130. COLLECTIO a packet each of the entire 44 varieties offered above, \$3.50.

1141. Ferguson's—Waved or Countess Strain Mixed Sweet Peas

The mixture par excellence comprising only the finest and most distinct varieties, every one of which has the well-known wavy standard and wings of the true Spencer type. This mixture is made up by ourselves and is one of the most superb combinations ever offered. Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb., \$3.50.

Ferguson's "1923 Exposition" Collection

1144.—Fifteen of the finest giant Exhibition sorts in one grand collection, \$2.00

ANNIE IRELAND.—The best picotee edged.

COMMANDER GODSALL.—Beautiful violet blue.

CECILY.—Fine salmon pink for exhibition purposes having more color in it than any other to date.

CHARITY.—Rich brilliant crimson.

DOBBIE'S MAROON.—Finest reddish maroon to date.

DAISYBUD.—Color resembles the bud of an ordinary daisy is a rich soft pink on a white ground, very vigorous.

FIERY CROSS.— Beautiful orange cerise.

GLADYS.—Lilac self no trace of rose.

HEBE.—Largest bright pink an improved Hercules.

HAWLMARK LAVENDER.— Giant pale lavender.

NEW BUTTERCUP.— Fine deep cream the nearest approach to a yellow.

MASCOT'S WHITE.—The purest and most solid of all white Sweet Peas.

MRS. TOM JONES.— Bright delphinium blue.

PICTURE.—Large flesh pink suffused creamy apricot.

ROYAL SCOTT.— Glowing orange scarlet.

If purchased separately, this collection would cost \$2.50

NEW EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

This new type is receiving great attention at the hands of the hybridizers, and already nearly all colors are represented. They are now very popular and in great demand by commercial florists for forcing under glass for winter and early spring blooming, but are just as valuable for the amateur for outdoor culture, coming into flower five or six weeks earlier than the regular spencer-flowered type, and if the flowers are kept picked, continue to bloom over a period of nearly four months. We offer the following carefully selected varieties.

1145. ASTA OHN.—Identical in color and size of blossom to the late flowering Asta Ohn; a fine lavender.

1146. HEATHER BELL.—Flowers large borne in threes and fours on long stout stems. Color a rich mauve lavender.

1147. HELEN LEWIS.—Orange salmon.

1148. IRENE.—This is an early Lavender Geo. Herbert or Florence Nightingale, and it is a very fine bluish lavender and is especially recommended to all who prefer a clear lavender without mauve in it. It is the result of a cross on the Standard Lavender Geo. Herbert. Pkt., 25 cts.

1149. FAIR MAID.—This is the finest blush-pink to date. It is a blush-pink suffused salmon, on a white ground. Of robust growth long stems carrying fours regularly. Pkt., 25 cts.

1150. ROSE CHARM (1921 Novelty)—A bright rose with large blooms, and throws fours on very long stems. Pkt., 25 cts.

1151. ROSE QUEEN.—One of the finest varieties The flowers are borne on long stems of large size, and very free bloomers; very attractive. Pkt., 25 cts.

1152. LIBERTY.—A rich, deep sunproof crimson. Flowers large and well waved.

1153. MEADOW LARK.—A rich cream variety; many of the flowers are duplexed, and borne in fours and threes.

1154. MORNING STAR.—Deep orange scarlet or flame color in standard, with rich orange pink wings.

1158. SONG BIRD.—A magnificent pale pink variety.

1159. SONGSTER.—An excellent variety; color, a pleasing lavender shade, flowers large and nicely waved.

1160. VENUS.—Standard white, slightly blushed pink; wings white; free bloomer.

1161. WARBLER.—Flowers extra large and beautiful in form; color, rich mauve purple.

1162. IMPROVED SNOWSTORM.—This is considered the best and purest white variety.

1163. YARRAWA.—Flowers exquisitely waved, of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.

Price. Any of the above, except where noted, 20 cts. per pkt.; \$1.00 per oz.

1164. EARLY MIXED.—A splendid mixture containing all of the above colors as well as some others. 15 cts. per pkt.; 80 cts. per oz.

TREATING SWEET PEAS WITH ACID

With the increased growing of Sweet Peas which produce but few seed, such as the Early-Flowering Spencers, it has become highly desirable that each of the expensive seeds germinate. Those with a very dark coat will germinate quickly after this treatment, when they would not otherwise.

Treat seed with sulphuric acid, commercial strength, for half an hour, then thoroughly wash.

LONG-STEMMED FLOWERS FOR CUTTING

Aquilegia.....
Arctotis.....
Asters.....
Calliopsis.....
Carnations.....
Centaurea.....
Chrysanthemum.....
Coreopsis.....
Cosmos.....
Dahlias.....
Delphinium (har).....
Dianthus.....
Gypsophila.....
Gaillardias.....
Larkspur.....
Marigolds.....
Mignonette.....

Poppies.....
Salpiglossis.....
Scabiosa.....
Stocks.....
Sunflowers.....
Sweet Peas.....
Sweet Sultans.....
Zinnias.....

PLANTS SUCCEEDING IN PARTIAL SHADE

Anemone.....
Antirrhinum.....
Aquilegia.....
Bellis (Daisies).....
Canterbury Bells.....
Coreopsis.....
Delphinium.....
Digitalis.....

Matricaria, or
Feverfew.....
Mimulus.....
Myosotis.....
Polyanthus.....
Pansy.....
Poppies (hardy).....

FRAGRANT FLOWERS FROM SEED

Alyssum.....
Auricula.....
Carnations.....
Dianthus (hardy).....
Heliotrope.....
Mignonette.....
Mimulus.....
Nicotiana Affinis.....

Pinks.....
Scabiosa.....
Stock.....
Sweet Pea.....
Sweet Rocket.....
Sweet Sultan.....
Sweet William.....

SALPIGLOSSIS One of the greatest favourites among annuals. It has attained this position partly by its ease of culture, but chiefly on account of the beauty of its orchid-like flowers. The flowers have dark veins on a ground which varies from white to crimson, yellow, orange, or purple. Seed should be sown early in the spring in a hotbed or window and transplanted out of doors after danger of frost.

Orchid Salpiglossis.—This is a splendid strain of these beautiful annuals.

The immense Petunia-like flowers are borne on dwarf, sturdy branching plants, not exceeding 24 inches in height, that do not require staking. The colours, red, blue, yellow, pink, etc., in various shades, are intricately netted, pencilled and veined with golden-yellow or other colours. They are of the easiest culture and flower profusely during the summer. A bed of Orchid Salpiglossis in flower is strikingly beautiful. The long-stemmed flowers are also fine for cut flower decorations.

1170. CRIMSON AND GOLD.—Pkt., 15 cts.

1171. PRIMROSE.—Pkt., 15 cts.

1172. PURPLE AND GOLD.—Pkt., 15 cts.

1173. ROSE AND GOLD.—Pkt., 15 cts.

1174. SCARLET AND GOLD.—Pkt., 15 cts.

1175. WHITE AND GOLD.—Pkt., 15 cts.

1176. COLLECTION of a packet each of the above 6 sorts, pkt., 75 cts.

1177. ORCHID FINEST MIXED.—All colors. pkt., 15 cts. 1/4 oz., 50 cts.

1178. LARGE FLOWERING MIXED.—A splendid variety of colours, flowers of large size. Per pkt., 10 cts.

STOCKS, Gilliflower

Stocks are universally one of the most admired annuals, and have long occupied a prominent position in almost every garden. For beauty, dazzling effects, and long continuance of bloom, they are unsurpassed, whilst their delightful fragrance renders them indispensable for bouquets, vases, etc. The seed we offer was saved from plants grown in pots only, and will yield as high a percentage of double flowers as it is possible to obtain.

Ferguson's Large Flowering Dwarf Ten Weeks

1181. CHOICEST MIXED.—All colors. Pkt. 15c. 1-8 oz. 60c.

1182. BLOOD RED..... 15c. 60c.

1183. LIGHT BLUE..... 15c. 60c.

1184. BRIGHT ROSE..... 15c. 60c.

1185. PURPLE..... 15c. 60c.

1186. WHITE..... 15c. 60c.

1187. YELLOW..... 15c. 60c.

1209. One packet each of the above 6 colours, 75 cts.

1188. IMPORTED COLLECTION.—12 varieties, 80 cts.



Orchid Salpiglossis

Ferguson's Winter Flowering Stocks

It may be taken for granted that nearly all growers of cut flowers are acquainted with this splendid class of Stocks, so valuable for forcing. They produce long trusses of extremely double flowers and can be cultivated either as a Summer or a Winter Stock. The flowers are large, and the branching habit of the plant render them invaluable for cut bloom.

1192. BEAUTY OF NICE.—Flesh pink. Pkt., 15 cts.

1193. QUEEN ALEXANDRA.—Rosy lilac. Pkt., 15 cts.

1194. CRIMSON KING.—Fiery crimson. Pkt., 15 cts.

1195. MME RIVOIRE.—Earliest. Pure white. Pkt., 15 cts.

1196. MONTE CARLO.—Pure yellow. Pkt., 15 cts.

1197. COTE D'AZUR.—Light violet beautiful color. Pkt., 15c

1198. ABUNDANCE.—Carmine rose dwarf. Pkt., 15 cts.

1199. PRESIDENT WILSON.—Bright silvery delicate lilac, of extraordinary size with long stems. Pkt., 25 cts.

1202. Giant Perpetual Empress Augusta Victoria.—Delicate silvery-lilac, surpassing in beauty by far all other light blue shades. Height 24 inches. Pkt., 15 cts.

1203. White Lady.—(New).—Immense, pure white flowers, a splendid sort for cutting. Same habit as Empress Elizabeth. Pkt., 20 cts.

COLLECTION, one packet each of the above ten varieties, \$1.35

MAMMOTH COLUMN TEN-WEEKS

Splendid variety; earliest flowering of the Ten-Weeks' Stocks; produces just one giant spike lined with mammoth flowers, height, 3 feet. Excellent for cutting.

1204. Dark Blue..... 15c. Pkt. 1207. Gloria. — Blood Pkt.

1205. Light Blue..... 15c. red; extra..... 15c.

1206. Rose Pink..... 15c. 1208. Snow White..... 15c.

1209. One packet each of the above five colors 60 cts.

Ferguson's Improved Cut-and-Come Again

These splendid Stocks will flower continuously through the summer if sown early.

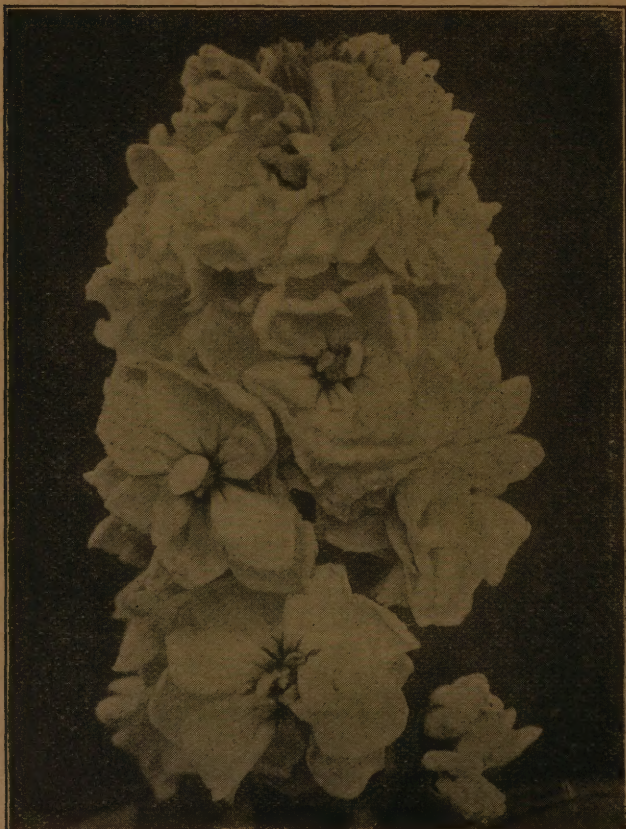
1210. Princess Alice.— 15c. Pkt. 1213. Canary Yellow.. 15c.

White..... 15c. 1214. Dark Blue..... 15c.

1211. Pink..... 15c. 1215. Mixed..... 15c.

1212. Crimson..... 15c.

1216. One packet of the above five colors 60 cts.



Ten Week Stock

1218. SWEET ROCKET. The Sweet Rocket is a very hardy perennial bearing clusters of single flowers which are fragrant during the evening. Colours purple and white. The plant with fair culture will grow 2 to 3 feet high. Seed will germinate readily in open ground. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colours. Pkt., 15 cts.

SUNFLOWER—The larger varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet salvia, cannas and other tall bedding plants, also furnishing good cutting material. Hardy annuals.

1225. Miniature Excelsior Hybrids New.—Originating from crosses made between different varieties of *Helianthus Annuus* and *H. Cucumerifolius*, this highly ornamental new Sunflower grows from 4 to 6 feet in height, and bears a multitude of medium sized flowers from early summer until cut down by frost. The colouring presents a rich variety, being generally of a pale or bright golden yellow, adorned with broad or narrower zones of shades varying from blood red through purple to dark brown. The culture is as easy as that of any other annual Sunflower. Pkt., 20 cts.

1226. New Red Sunflower.—A new and distinct break in Annual Sunflowers, growing to a height of six feet. It is of a free-branching habit, producing numerous flowers of a rich chestnut-red, tipped with yellow. It will be found useful and effective when grown on borders, as also in shrubberies, and the smaller flowers, when cut and vased, are most attractive and last long in water, appearing especially well by artificial light. Pkt., 15 cts.

1227. Starlight.—The flowers are large, of very graceful appearance with petals beautifully twisted like a fine form of Single Cactus Dahlia. The colour of the flowers are a beautiful Canary yellow, and borne on long stems, cannot be excelled for cutting purposes. The form of the flowers is most graceful and lends itself admirably to decorative work, and also has the great merit of lasting a long time in water. Pkt., 15 cts.

1228. CHRYSANTHEMUM FLOWERED.—Grows seven feet high. Perfectly double; the colour is the brightest golden yellow. The flowers are so perfect in form that they resemble very double Chrysanthemum flowered Asters with long stems. Per pkt., 10 cts.

1229. STELLA.—Attains a height of 3 to 4 feet. The individual flowers, $2\frac{1}{2}$ to 3 inches across, of the purest golden yellow with a black disc, are all borne on long stems and rise well above the lovely small green foliage. Pkt., 10 cts.

1230. GLOBOSUS FISTULOSUS.—Large double yellow flowers; 5 feet. Pkt., 10 cts.

1231. SILVER-LEAVED (Argophyllus), Single.—Yellow with black disc, silvery foliage; most effective; 5 feet. Pkt., 10c.

1232. PERENNIAL MIXED.—Contains the finest single-flowering hardy perennial sorts. Seeds sown nearly will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. Pkt., 10 cts.

SWEET WILLIAM.—Well-known hardy biennial, producing large heads of rich and beautifully coloured flowers, which make an imposing display.

1233. Pink Beauty.—A distinct new colour in this favorite hardy plant. In colour it is what florists call water-melon—pink or salmon-rose. Strikingly brilliant and beautiful; the habit of the plant is perfect, being well-formed, neat and compact, the flowers borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective as a pot plant and for cutting. Pkt., 25 cts.

1234. Scarlet Beauty.—An intensely rich deep scarlet selection out of Pink Beauty, almost identical in colour to the *Euphorbia splendens*. A really grand advance. Pkt., 25 cts.

1235. Ferguson's Improved Auricula Eyed.—The old-fashioned garden flower of which it is difficult to procure a really good strain. Our improved variety is the finest on the market; it is single and produces good trusses of large, round, individual blooms, with smooth edges and rich, well-defined markings, while a large proportion of the flowers show the rather rare blue shades of colouring. Pkt., 20 cts.

1236. SINGLE MIXED.—All colours. Pkt., 10 cts.

1237. CHOICE DOUBLE MIXED.—Improved extra special strain. Per pkt., 15 cts.

1238. Tagetes Signata Pumila.—A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright, golden-yellow; a first-class border plants. $\frac{1}{4}$ oz., 75 cts.; pkt., 10 ct.



Sweet William

1240. *Thalictrum Dipterocarpum*.—

Tall-growing herbaceous plant, with loose sprays of clear mauve and primrose flowers. The buds are spherical and of the same pure mauve as the expanded flower. Invaluable for perennial borders owing to its light and graceful habit. Thrives best on poor soil in a sunny position. Height $4\frac{1}{2}$ feet. Pkt., 50 cts.; 3 pkts., \$1.25.

1241. *Thunbergia*.—(Black-eyed Susan).—Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively for hanging-baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes. 4 feet. Mixed colors. Pkt., 15 cts.

1242. VIRGINIAN STOCK.—Early summer hardy annuals about 9 inches high, covered with a dense mass of beautiful blossoms. Extremely effective in small beds, baskets or edging. Sowings at intervals may be made during the summer. Pkt., 10c.

1243. VALERIANA (Garden heliotrope).—Hardy perennial. Pinnate foliage and panicles of flowers, with odor of heliotrope. 5 feet. June and July. Mixed. Per pkt., 10 cts.; oz., 30 cts.

1244. RED.—Pkt., 10 cts.; oz., 50 cts.

1245. WHITE.—Pkt., 10 cts.; oz., 50 cts.

1246. VERONICA. Spicata.—An elegant hardy perennial border plant, growing about 18 inches high, bearing "all summer long" spikes of bright blue flowers, which lengthen with age. Per pkt., 15 cts.

VIOLA OR TUFTED PANSIES

These favourite Spring-flowering plants have been of late greatly improved. Nothing can surpass them for beauty and effectiveness when tactfully arranged in partially-shaded beds or ribbon borders.

1247. MAUVE QUEEN.—Rich mauve, very free. Pkt., 25c.

1248. ADMIRATION.—Large, deep violet. Pkt., 25 cts.

1249. WHITE PERFECTION.—Pure white. Pkt., 25 cts.

1250. GOLDEN YELLOW.—Pkt., 25 cts.

1251. SCOTCH STRAINS.—Choicest and newest bedding hybrids mixed. Pkt., 25 cts.

VERBENA

One of our
most valu-
able bed-
ding plants

and worthy of greater cultivation.

1256. Verbena. Helen Willmott.

Very pretty bright salmon rose, with white eye. After years of constant selection, seed of this lovely Verbena has been secured. The seed produces plants with flowers, many of which are of the true "Helen Willmott" colour, with a percentage of various shades, which are also very fine both in colour and size. Per pkt., 15 cts.

1257. Gigantea, Giant-Auricula Flowered Mixed.

New giant Auricula-eyed strain in splendid mixture, surpassing in size and beauty the well-known variety Mammoth. The flowers, each well over an inch across, are in great variety of colours, with large, clear white eye, giving to the blooms a remarkably effective appearance. Pkt., 20 cts.

1258. Lucifer (New).—Intense brilliant scarlet with no eye; a great improvement on defiance. Pkt., 15 cts.

D. & F's. Mammoth Fancy

	Pkt.		Pkt.
1259. Blue.....	15c.	1262. White.....	15c.
1260. Pink.....	15c.	1263. Yellow.....	15c.
1261. Scarlet....	15c.	1264. Mixed.....	10c.

1265. Lemon-Verbena (Aloysia Citriodora).—Every garden should have a few plants of this fragrant favorite. Its pale green foliage goes well with any flower. Pkt., 15 cts.

1266. VENOSA (Hardy Garden Verbena).—This variety is largely used for bedding purposes. It is a strong, thrifty grower, about one foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. Pkt., 15 cts.

WALLFLOWER.—Well-known deliciously fragrant plants with large spikes of double and single flowers similar to the gilliflower. The colours are very brilliant, varying from the brightest golden yellow to deep blood colour. Succeed best in light, rich soil in a moist atmosphere. Half hardy perennials.

1268. Ferguson's Improved Double German.

Including many beautiful colors which are not obtainable from ordinary seed. The plants throw up large dense spikes of deliciously scented flowers, and are as easily cultivated as the Single Wallflower. Height, 18 inches. Mixed. Pkt., 25c.

1269. SINGLE MIXED.—Pkt., 10 cts.

1270. NEW EARLY PARIS SINGLE.—Blossoms the first season. Per pkt., 15 cts.



Mammoth Verbena

1275. WILD CUCUMBER.—This is the quickest growing climber on our list. Grows wild, self-sown, in many parts of the country. It will grow 30 feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Per pkt., 10 cts.; oz., 40 cts.

1276. XERANTHEMUM.—One of the oldest flowers retain their color and form longest of all. Mixed colours. Per pkt., 10 cts.

The "Wildflower" and Children's Garden Seed Mixture

Teachers will find these Mixtures Useful for School Gardens

In this mixture will be found some of the choicest annuals and perennials imaginable. For beautifying at a minimum cost, nothing approaches Wild Flower Seeds for effect and cheapness. No care is necessary, and with so many varieties, a never ending variety and succession of bloom is afforded. The flowers are in evidence from early summer until frost, yielding a wealth of bloom and fragrance. For naturalizing purposes for use by woodland walks, etc., this is the best and cheapest way of attaining the effect desired. Thin out where the plants are crowded and keep clear of weeds.

1278. Mixed Annuals.—Pkt., 10 cts. oz. 25 cts.

1279. Mixed Hardy Perennials.—Pkt., 15 cts.

ORNAMENTAL GRASSES

Suitable for mixed borders and ornamental gardening, also when dried, for winter bouquets and decorations.

1284. AGROSTIS NEBULOSA (Cloud Grass).—An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. Pkt., 15 cts.

1285. BRIZA MAXIMA (Quaking Grass).—Pretty for bouquets; annual; 1 foot. Pkt., 15 cts.

1286. COIX LACHRYMA (Job's Tears).—Pkt., 15 cts.

1287. ERAGROSTIS ELEGANS (Love Grass).—One of the best grasses for mixing with flowers. Pkt., 15 cts.

1288. ERIANTHUS RAVENNAE.—Extremely graceful. 8 feet. Pkt., 15 cts.

1289. GYNERIUM ARGENTEUM (Pampas Grass).—Well-known magnificent grass, with flower-spikes 10 feet high; roots should be kept from frost during winter. Perennial. Per pkt., 15 cts.

1305. PENNISETUM LONGISTYLUM.—Extremely graceful greenish-white plumes; excellent for beds; annual; 2 feet. Pkt., 15 cts.

1306. Pennisetum Rueppelianum.—(Purple Fountain Grass).—A beautiful variety, growing about 3 feet high, producing long, graceful green foliage and cylindrical purplish plumes. The ideal plant for a Canna Bed. Pkt., 15 cts.

1307. STIPA PENNATA (Feather Grass).—Perennial, beautiful, delicate, white, feathery bloom; flowering the second season; 2 feet. Pkt., 15c.



Agrostis Nebulosa

ZINNIA

This is one of the finest summer flowering plants. The flowers are large, handsome, finely formed, and in great variety of colours. Seed sown early, under glass, will commence flowering early in the summer and continue the whole season. They require but little attention, but plenty of room—should have at least eight inches each way; any common garden loam. Annual.



Ferguson's Giant Zinnias

New Zinnia. Double Giant Picotee

The flowers, which are not quite as large as the Double Giants, are very effective in appearance, as the edges of the petals are all well marked with a distinct color to the body of the flower, making them very attractive as bedders and cut flowers.

1314. LA FRANCE.—A beautiful soft pink, each petal distinctly tipped with deep chocolate markings. Pkt., 20 cts.

1315. GOLDEN PHEASANT.—Gold ground tipped with maroon. Pkt., 20 cts.

1316. MIXED.—All colors, mixed, including new colors from white to scarlet. Pkt., 20 cts.

Ferguson's Giant Zinnias

We offer here six well fixed varieties of the true Giant Zinnia. These new plants are of extremely robust habit and throw up numerous long, firm stalks, crowned with enormous semi-globular, very double flowers; specimens measuring 5 to 6 inches across are by no means rare. 2 1/2 feet.

1317. GIANT PURE WHITE.—Pkt., 15c.

1318. GIANT GOLDEN YELLOW.—Pkt., 15 cts.

1319. GIANT SCARLET.—Pkt., 15 cts.

1320. GIANT VIOLET.—Pkt., 15 cts.

1321. GIANT CRIMSON.—Pkt., 15 cts.

1322. GIANT FLESH COLOUR.—Pkt., 15 cts.

1323. SULPHUR YELLOW.—Pkt., 15 cts.

1324. MIXED.—Pkt., 15 cts.

1325. The above collection of seven separate colours, 90 cts.

1341. New Cactus-Flowered Zinnias.—

Distinct in form from all other Zinnias, as the petals are so quilled that they become almost tubular. They are straight, radiating from the center of the flowers, which thus greatly resemble a fine-petaled cactus Dahlia. As the back of the petals are of a distinct color and as they incurve to form the tube, it gives the flower a bi-colored appearance. The colors range through varying shades of yellow, orange, pink, and rose to scarlet and crimson. The flowers are borne in great abundance; on well-grown plants they will average 4 to 5 inches in diameter. Pkt., 20 cts.

Ferguson's Dwarf Double Large Flowering

These indispensable garden annuals are now greatly improved. The plants form handsome, compact bushes 2 feet in height, with large, perfectly formed double flowers.

1326. SALMON-ROSE.—Pkt., 10 cts.

1327. SCARLET.—Pkt., 10 cts.

1328. YELLOW.—Pkt., 10 cts.

1329. WHITE.—Pkt., 10 cts.

1330. MIXED.—Pkt., 10 cts.

1331. One packet each of the above 4 separate colours, 35 cts.

1332. Zinnia Double Mexican Hybrids

This new race makes little oval bushes not over 1 foot in height, which are literally covered throughout the summer with densely double bell-like flowers of various colours; cream, orange-yellow, red, etc. Pkt., 15 cts.

Zinnia Elegans. Lilliput.—A small double flowering sort dwarf habit; very effective when used as a border.

1334. FINEST MIXED.—1 ft.—Pkt., 15 cts.

1335. GOLDEN YELLOW (Golden Gem).—Pkt., 15 cts.

1336. SCARLET. Gem. Pkt., 15 cts.

1337. WHITE. Gem.—1 ft. Pkt., 15 cts.

1339. One packet each of the above 3 colors, 40 cts.

Zinnia Pumila Double

1340. RED RIDING HOOD.—1 ft. Of compact form and covered the entire season with little button-like, intense scarlet flowers not over an inch across; as a border plant it is highly effective. Pkt., 15 cts.

SELECT DAHLIA ROOTS

7 New Decorative Dahlias

DREAM.—A most conspicuous salmon shade with amber-like glow. A flower of supreme beauty and perfect form, standing erect on long strong stems above the foliage. Very free bloomer. 75 cts. each.

AUTUMN KING.—This is a great Dahlia, both as a cut flower as well as for garden decoration. Its habit of growth is ideal, producing an abundance of flowers of good size, 6 inches or more in diameter, which can be cut with stems four feet long. It is of true decorative form excepting late in the season, when it often develops flowers of the Peony type. In color it is one of the most effective and pleasing autumnal tints, a luminous salmon-pink passing to a golden suffused buff near the edges, which is particularly pleasing under artificial light. 75 cts. each.

PORTHOS.—The nearest to "blue" dahlia yet produced. A beautifully formed lavender blue decorative, of medium to large size produced on long stiff wiry stems. Flowers susceptible to the sun. Should be planted to get partial shade during middle of day, or planted to bloom late, after the hot weather is over. Roots, \$1.00 each.

REMEMBRANCE.—Lilac-mauve, long, wiry stem, a most suitable variety for cutting. This variety is grown by many a florist for cutting and has proved to be of great Merit. \$1.00 each.

SALUTATION.—A most beautiful velvety red. Flowers are borne on long strong stems, well above the foliage, and for vases and house decoration are especially good, lasting long after cut. \$1.00 each.

INSULINDE.—In the cut-flower market during the past season Insulinde has been one of the most sought after varieties, and has brought the highest price. This is not at all surprising when you note the beautiful autumn coloring, the entirely distinct formation of its flowers, and the fact that these are borne on rigid, stiff stems and held in horizontal position like a Zinnia, Aster or Chrysanthemum, different from any other Dahlia known to us. These flowers are large, 7 to 8 inches in diameter, with just sufficient broad, long curled and twisted petals to form a perfect and graceful flower of a beautiful golden ochre, with salmon-red suffusion, which deepens towards the centre. \$1.50 each.

VUURBAAK.—Colour dazzling crimson scarlet. A wonderfully brilliant variety, of excellent form. Long, wiry stem. 1st Class Cert. Haarlem and Amsterdam. 75 cts. each.

4 New Peony-Flowered Dahlias

GEISHA.—The showiest and most attractive of this type yet introduced; the rich colored flowers are original in form, consisting of peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold. 75 cts. each.

QUEEN OF ROSES.—One of the finest exhibition Dahlias to date. The color is a brilliant rose pink, the best ever introduced. Very attractive. Flowers on long stiff stems. Extra for cutflower purpose. \$1.50.



Decorative Dahlia Mina Burgle

SALMONEA.—A very fascinating variety, appeals to every flower-lover as a true sensation. The coloring is exquisite, being a delightful salmon pink; a most pleasing flower whose light salmon tint is a perfect contrast with the deep green foliage. Flowers are of wonderful size and produced freely. Awarded highest honors. \$1.00 each.

ZONSONDERGANG.—A Holland specialist's introduction, the name Zonsondergang being the Dutch word for "Sunset," which was no doubt suggested by its color, which is one of those beautiful salmon-red autumn tints that is so much admired in Dahlias, and the coloring in this variety being particularly intense and rich. It is one of the very large flowered varieties; these are borne on good stiff long stems and are produced very freely; a fine cut flower. \$1.00 each.

5 New Hybrid Cactus Dahlias

MEVROUW BALLEGO.—Originated by one of Holland's best growers, and a very attractive well-formed large flower with rather broad petals of a brilliant garnet-red color held on good stiff stems. Plants, \$1.50 each.

MRS. WARNAAR.—One of the best of the Holland productions. Of mammoth size, fine form and substance. Color, creamy white with apple blossom suffusion. An acquisition. 75 cts. each.

ATTRACTION.—The color is a most delicate lilac mauve with bluish tints toward the edge of the petals. The flowers are large and decidedly pleasing in effect. They are borne on long stems of wiry stiffness well above the foliage. Fine for cutting. The plant is a strong, healthy grower, averaging about 5 ft. in height and bushy; an early and profuse bloomer. 75 cts. each.

KALIF.—This is a giant-flowering variety, a truly majestic flower, frequently measuring 8 to 9 inches in diameter, of perfect cactus form. Flowers very freely on good stiff stems. The color is pure scarlet; shows up particularly well under artificial light. 75 cts. each.

YELLOW KING.—One of the largest of all cactus Dahlias, being of gigantic size and of the finest new cactus. Color light yellow, tinting to cream at the tips, giving it a most pleasing effect. The immense flowers are borne on long stiff but slender stems. The plant is a strong and sturdy grower and a free and continuous bloomer under all conditions, making it one of the most reliable for all purposes. Should be in every collection. 75 cts. each.

Decorative Dahlias

Large flowers, full centers, with broad, loose petals

CLIFFORD W. BRUTON.—Bright yellow. 35 cts. each; \$3.50 per doz.

FREEDOM.—The flowers are a beautiful deep crimson color and are produced with such ease and freedom that we chose "Freedom" as the most appropriate name. 50 cts. each; \$5.00 per doz.

JEANNE CHARMET.—An exquisite variety, pink at the edges, shading to white, light yellow margins. 50 cts. each; \$5.00 per doz.

JACK ROSE.—Brilliant crimson-red, similar in shade to the popular Jacqueminot Rose. 35 cts. each; \$3.50 per doz.

LE GRAND MANITOU.—An enormous flower, white, striped violet-red, occasionally bears flowers of a solid violet color. 50 cts. each; \$5.00 per doz.

MINA BURGLE.—Very free-flowering, has been known to carry over 100 open flowers at one time. Color, bright scarlet. 50 cts. each.

MADemoiselle Marie Hoste.—A fascinating shade of heliotrope, shaded white. 35 cts. each; \$3.50 per doz.

NORMA.—Flowers are large, perfectly quilled, and of a most exquisite shade of live bright orange. 40 cts. each; \$4.00 per doz.

PURPLE MANITOU.—Enormous flowers of a rich, clear, deep purple. The very finest purple Decorative Dahlia in existence. 40 cts. each; \$4.00 per doz.

SPECIAL OFFER.—One each of the above 9 varieties for \$3.00

Show Dahlias

Old-fashioned, full head blooms

Useful for hedges or borders, and for cutting

A. D. LIVONI.—Beautiful soft pink, quilled petals. 35 cts. each; \$3.50 per doz.

ACQUISITION.—Rich, royal, deep mauve; splendid exhibition flower. 4 1/2 feet. 35 cts. each; \$3.50 per doz.

GOLDEN AGE.—Sulphur-yellow. Free-flowering. 35 cts. each; \$3.50 per doz.

MAUD ADAMS.—The color a pure snow white, very effectively overlaid clear pink; flowers of good size. 4 ft. 50 cts. each; \$5.00 per doz.

M. SOMERS.—A beautiful clear purple. Large. 35 cts. each; \$3.50 per doz.

PRIMROSE DAME.—A lovely shade of primrose. Medium size. Free flowering. 35 cts. each; \$3.50 per doz.

STRADELLA.—Rich deep crimson; free-flowering. 35 cts. each; \$3.50 per doz.

REGGIE.—A huge Dahlia of beautiful cherry-red. A variety that will give the best of satisfaction, producing flowers upon long stems, well above the foliage. Very free. 35 cts. each; \$3.50 per doz.

VIVIAN.—A perfect blending of colors. Pure white, distinctly edged rose violet, flowers of perfect type and form, full and deep. 4 feet. 35 cts. each; \$3.50 per doz.

SPECIAL OFFER.—One each of the 9 Show sorts for \$2.50.

Cactus Dahlias

Charming flowers, with petals twisted, curled or narrow and straight. Dainty and very decorative.

ALIGHT.—Rich fiery orange, centre of deep orange; most refined full flower; long stiff stems well above foliage; very early and free-blooming. 5 ft. 40 cts. each; \$4.00 per doz.

BORNEMANN'S LIEBLING.—Very delicate, soft rose-pink. Extra fine. 40 cts. each; \$4.00 per doz.

CREPUSCULE.—Pale orange yellow, the outer petals deepening to deep amber buff; refined flower of beautiful shape; large extremely early and very free blooming. 4 ft. 40 cts. each; \$4.00 per doz.

COUNTRESS OF LONSDALE.—Deep salmon-red. One of the best. Very free. Should be in every garden. 40 cts. each; \$4.00 per doz.

EARL OF PEMBROKE (Hybrid).—Bright plum color; large, bold flower. 35 cts. each; \$3.50 per doz.

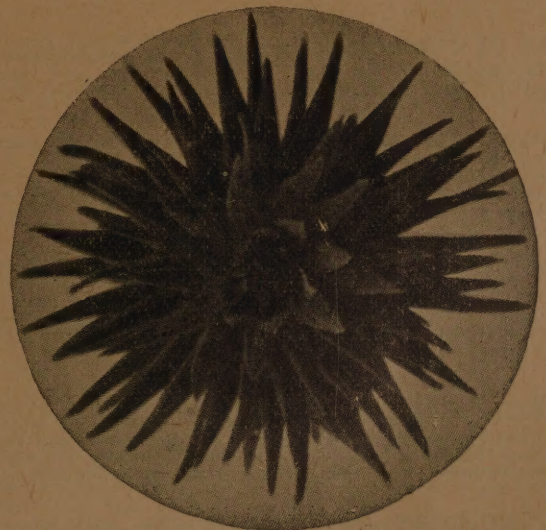
EUREKA.—This variety has all the good qualities of the Dahlia, being properly named. Color very deep purple. Petals are long, straight and tightly quilled. 35 cts. each; \$3.50 per doz.

ELLA KRAMER.—A lovely rose-pink with much brighter center. Well-shaped flowers. 40 cts. each; \$3.50 per doz.

FLORADORA.—Splendid shaped wine crimson flowers, on long wiry stems, well above the foliage. 4 ft. 40 cts. each; \$3.50 per doz.

J. H. JACKSON.—Intense blackish-maroon, long narrow petals. 40 cts. each; \$3.50 per doz.

SPECIAL OFFER.—One each of the 9 Cactus, \$2.50.



Cactus Dahlia

CENTURY SINGLE AND COLLARETTE

CENTURY SINGLE AND COLLARETTE.—These are rapidly coming into favor every year on account of their profuse blooming and handsome colors, rendering them invaluable for bouquets.

ACHIEVEMENT.—The largest Collarette. It is a clear, rich velvety maroon. Collarette a beautiful snowy white, very daintily overlaid with a delicate shade of pinkish crimson. A remarkable contrast. 35 cts. each; \$3.50 per doz.

DIRECTEUR RENE GERARD.—(Gigantic New French Collarette Dahlia).—Beautiful violet-purple, shaded and tipped white; white collarette. Exceptionally large flowers produced in great profusion. 35 cts. each; \$3.50 per doz.

LORD GOFF.—A Single Dahlia of the most refined form, resembling a butterfly in appearance. The base of the petals are delicate cream, heavily tipped rose-pink. Flowers are borne on long, graceful stems, well above the foliage. 35 cts. each; \$3.50 per doz.

METEOR. (New Collarette Dahlia).—Crimson-maroon, very slightly edged old gold; cream white collarette. Star-shaped. 35 cts. each; \$3.50 per doz.

PINK CENTURY.—Delicate rose pink, similar to Twentieth Century and an equally profuse bloomer, the largest and finest of the set. Strong and vigorous with fern-like foliage. 35 cts. each; \$3.50 per doz.

SURPRISE.—A striking and sensational flower. The color is a brilliant carmine with a lemon-chrome ring at the centre, the whole being striped and splashed deep ox-blood red. Flowers of large size. 35 cts. each; \$3.50 per doz.

ST. GEORGE.—A very free-flowering variety of clear yellow. 35 cts. each; \$3.50 per doz.

SPECIAL OFFER.—One each of the above varieties, \$2.00.

POMPON DAHLIAS

AMBER QUEEN.—Rich, clear amber, shaded apricot. 35 cts. each; \$3.50 per doz.

ARIEL.—Orange-buff. 35 cts. each; \$3.50 per doz.

BOBBY.—Plum color. One of the best. 35 cts. each; \$3.50 per doz.

LITTLE BEAUTY.—A very beautiful small-flowering light pink. 35 cts. each; \$3.50 per doz.

SUNBEAM.—Crimson-scarlet; extra fine. 35 cts. each; \$3.50 per doz.

SNOW CLAD.—Small pure white, free-flowering. 35 cts. each; \$3.50 per doz.

SPECIAL OFFER.—One each of above 6 Dahlias \$1.75, post-paid.

BEST MIXED DOUBLE DAHLIAS

Our mixture is made up from the best varieties of all classes of Double Dahlias, each variety being grown separately. We offer these best mixed double Dahlia roots at 20 cts. each; per dozen, \$2.00.

NEW AND CHOICE CANNAS

The President.—The most sensational introduction of recent years. The largest flowered, most vigorous-growing red Canna in commerce. The immense trusses of giant florets are produced in great profusion. This variety, introduced only a few years ago, has proved itself worthy of a place in every collection and every place where bold, effective performance can be appreciated; 5 feet, green foliage. 40 cts. each; \$4.00 per doz.

Mrs. Alfred Conard.—One of the very best Cannas in commerce today. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks; 4 feet, green foliage. 50 cts. each; \$5.00 per doz.

City of Portland.—A wonderful bright rose-pink much deeper in color than Mrs. Alfred Conard and Hungaria. A free-flowering and vigorous grower; 3 1/2 feet; green foliage. 40 cts. each; \$4.00 per doz.

ROSEA GIGANTHEA.—Giant flowers of soft rose to carmine-pink. This Canna has been used extensively for years on the public grounds at Washington and is still high in favor as an unusual pink bedder. Green foliage. 3 1/2 feet. 50 cts. each; \$5.00 per doz.

WM. SAUNDERS.—(4 ft.).—This bronze-leaved beauty is a rival and superior to "King Humbert," in that it continues a blaze of beauty all Summer when "King Humbert" is "off show." The individual flowers, often 5 inches, are bright scarlet, and the flower clusters are a foot across borne on strong branching stems about 4 feet high. 40 cts. each; \$4.00 per doz.

Yellow King Humbert.—A sport of that most popular of all Cannas, King Humbert, producing large and most beautiful shades of yellow, lightly spotted red, with green foliage; five and six clusters of flowers at a time. 40 cts. each; \$4.00 per doz.

KING HUMBERT.—(4 ft.).—Bronze foliage with brownish-green stripes, large, thick and leathery. Flowers large; colour, bright-scarlet streaked with crimson. 30 cts. each; \$3.00 per doz.



Canna, Wm. Saunders

FLORENCE VAUGHAN.—(3 1/2 ft.).—Green foliage. Flowers rich golden-yellow, thickly spotted with bright red. 30 cts. each; \$3.00 per doz.

MONTBLANC.—A charming dwarf variety, growing about 3 1/2 feet. Light cream, almost white, with green foliage. Fine for bedding. 30 cts. each; \$3.00 per doz.

FERGUSON'S SUPERB GLADIOLI

A SELECTED LIST OF NEW, RARE AND STANDARD VARIETIES

Gladioli are the most popular of all the Summer-flowering bulbs and rightfully so, they have so many excellent qualities and uses. Every garden should have some planted especially for cutting, or for massing, or for filling in here and there among perennials and shrubbery where a splash of bright color will be effective. Our prices have been fixed at popular figures to encourage their use in quantity for we know what satisfaction will be yours to have these beautiful flowers in abundance.

Our list contains the best of recent introductions, as well as such old favorites as America, we having discarded many of the undesirable types and colors that are, too frequently, offered.

Especially do we invite attention to the continual display we make of cut blooms in our shop during the flowering season. Many of our patrons take that opportunity to make the selection of varieties for the next year, as the relative merits are shown to the best advantage.

Gladioli thrive in almost any good garden soil, but better results may be had if well prepared and enriched with some Bone Meal. Water freely, especially during the flowering season. Exposure to the sun is essential at all times. We advise planting the bulbs after the trees are out in leaf, and should successive plantings be made, flowers can be had until October.

Bulbs may be set 4 inches deep in rows either singly or double, leaving about 4 inches between bulbs in drills 2 feet apart. When a mass effect is desired, plant from 6 to 8 inches apart.

Many of the best varieties produce small bulbs, and in buying a mixture you will find it much better when the size of the bulbs varies to a considerable degree. In buying bulbs, do not always select the largest bulbs. You lose the cream of the stock offered. Many of the choicest varieties do not produce large bulbs; the large bulbs may prove to be "blind," past blooming age. Size is not virtue, but it is essential that the bulbs should be of blooming age, fully developed and healthy, rather than large and overgrown, punky and soft.



Vesta Tilly

AMERICA.—One of the most popular among Gladiolus lovers and justly so. Its tall spikes, from 2 to 3 feet high—a soft, exquisite, creamy lavender-pink. A strong grower. Fine for greenhouse culture. Excellent for bedding and borders. Each, 10 cts.; doz., 80 cts.; 100, \$5.00.

BARON JOSEF HULOT.—One of the finest tall Gladioli. A deep violet blue with well-opened flowers. Each, 10 cts.; doz., 80 cts.; 100, \$5.00.

BLUE JAY.—A light grayish blue with darker blue markings and having a red stripe on tongue of the lower petals. Very large, open flowers o. the finest form and exceedingly well placed on the spike. Each, 20 cts.; doz., \$2.00; 100, \$8.00.

Bertrex.—White with lilac shading in the throat; size and form of America. Spike tall and straight, sometimes branching. Might be called a "White Schwaben." Increases rapidly and forces well. Each, 25 cts.; doz., \$2.50; 100, \$9.00.

CHICAGO WHITE.—A fine white variety with lavender stripes on lower petals. Medium-sized flowers borne on a tall spike and from seven to eight flowers open at one time. Very early. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

CANDIDUM.—Large white blooms; tips of petals tinted and somewhat reflexed like a lily. Spike tall erect; free bloomer. Good forcing variety. Each, 10 cts.; doz., 80 cts.; 100, \$5.00.

Captain Fryatt. "New."—A beautiful scarlet, resembles Princeps, is earlier and more flowers open at one time. Each, 15 cts.; doz., \$1.00; 100, \$7.00.

CORUNNA.—Very light brick red, coal black throat bordered white, striking and distinct. Each, 40 cts.; doz., \$4.00.

Evelyn Kirtland.—It is difficult to describe in words the beauty of this variety. The flowers of strong substance, are a beautiful shade of rosy pink, darker at the edges fading to shell pink at the centre, with brilliant scarlet blotches on lower petals. Spike is very tall, straight but slender and bending gracefully with its burden of blooms. Wonderfully decorative. A Prize Winner wherever shown. Each, 20 cts.; doz., \$2.00.

E. J. Shaylor.—Tall, very strong plant and large blooms. A beautiful, pure, deep rose pink. Was awarded Certificate of Merit by Royal Hort. Society of England, Aug. 10, 1920. Very choice. Each, 60 cts.; doz., \$6.00.

Gretchen Zang.—A fitting companion to the Evelyn Kirtland. Large heavy sparkling blooms, a beautiful soft melting shade of pink blending into scarlet on lower petals. Spike tall and graceful. A Prize Winner. Each, 20 cts.; doz., \$2.00; 100, \$12.00.

Fiery Knight. "New."—This novelty is the best and finest vermilion colored Gladioli ever shown. Very free flowering and the earliest red Gladioli. Very brilliant. Each, 25 cts.; doz., \$2.00.

GOLDEN WEST.—One of the best exhibition varieties on account of the markings, the color being a clear orange scarlet, the lower petals blazed with golden yellow, faintly suffused with violet shadings. The individual flowers are of large size and seem to stand out boldly, making it very noticeable in any collection. Each, 15 cts.; doz., \$1.00; 100, \$7.00.

Herada.—A new color in gladioli in a class by itself. Blooms of immense size on all straight spikes. Massive in every way. The blooms are pure mauve. Glistening and clear. Unusually striking and attractive. Each, 20 cts.; doz., \$2.00; 100, \$12.00.

HALLEY.—A most attractive early-blooming sort, with large, well-opened flowers of delicate salmon pink. Flowers well placed on long, graceful spike. Similar in type to the popular Mrs. Francis King. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

Joe Coleman.—A beautiful ruffled light red, extra long spike, many flowers open at once. Each, 30 cts.; doz., \$3.00.

Kundred's Glory.—Widely celebrated as the first of a new ruffled strain. Each flower ruffled and fluted. Stalks robust with from eight to twelve flowers light cream with small crimson stripe. Each, 25 cts.; doz., \$2.50; 100, \$20.00.

L'IMMACULEE. New.—A truly wonderful spike of pure white flowers, with wax-like texture and with great keeping qualities. As pure white as Europa, but of different shape and a longer spike. Each, 10 cts.; doz., \$1.00; 100, \$6.00.

MRS. FRANCIS KING (The Original).—A most beautiful "Besnard shade" flame-pink. Immense flowers on a spike growing four feet high, with from eighteen to twenty flowers, six to eight open at one time. A magnificent variety. Each, 10 cts.; doz., 80 cts.; 100, \$5.00.

MRS. FRANK PENDLETON.—A spectacular variety, producing large, well-expanded flowers, light pink, heavily blotched with blood red in throat. One of the most showy varieties. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

Mrs. Dr. Norton.—A pure, soft white, with tips of petals suffused La France pink. Quite the most beautiful variety of this type on the market. Highest awards in its class wherever shown. Each, 30 cts.; doz., \$2.50.

Mary Pickford.—An extraordinary flower and spike of most delicate creamy white. Throat finest soft sulphur-yellow. Even the stems and calyx are white. Mary Pickford" was awarded Certificate of Merit by Royal Hort. Society, London, 1920; also First class Certificate of Merit by North Shore Hort. Society, Manchester, Mass. Each, 50 cts.; doz., \$5.00.

Marshall Foch.—One of the sensations at the American Gladiolus Society's show in August and wherever shown at the big exhibitions. Many giant flowers open at a time on very strong stem and plant. Color of finest salmon pink. Almost self color. Each, 15 cts.; doz., \$1.50; 100, \$8.00.

NIAGARA.—In colour the flowers are a delightful cream shade with the two lower petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

Orange Glory.—Clear bright orange, three fine white lines in throat. One of the finest ruffled varieties of all. Each, 45 cts.; doz., \$5.00.

PEACE.—This a most magnificent variety, the finest of all whites. Though it has a delicate lilac spot on lower petals, the ground color is of the whitest white and the petals firm and solid. Flowers are large, well opened and borne on tall strong spikes. Lasts well in water and all buds open. Fine clean foliage. Late bloomer. Formerly sold largely at \$1.00 each. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

PANAMA.—A new seedling of America which resembles the parent variety in every way except that it is a much deeper pink. A grand variety which evokes words of praise wherever exhibited. Many awards. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

PINK PERFECTION.—A remarkable variety from Holland. First Class Certificate London and Haarlem. We find it splendid. Lovely light pink; flowers large, upwards of twenty buds closely set on long stem, six or eight flowers open at once and buds showing color, like rose buds, stems often curved. Each, 15 cts.; doz., \$1.00; 100, \$6.00.

PRINCE OF WALES.—A clear grenadine pink or deep buff, with throat markings of a deeper tone. The tips of petals shaded darker or apricot buff. A novelty of great value, eight or ten blooms open at one time on a long, graceful spike. Each, 15 cts.; doz., \$1.00; 100, \$6.00.

Purple Glory.—The Giant of the Kunderdii Glory race, and of remarkable color. Deepest velvety maroon red, with almost black blotches, like burned into the petals. Beautifully ruffled. Extraordinary. Each, \$1.50.

Red White and Gold.—A giant in plant and foliage, with a massive spike and good sized flowers. Upper portion of bloom, pure white. Lower petals entirely of a rich lemon yellow clear to the edge, with a beautiful pelargonium-like blotch of richest red on each. Nicely ruffled. Each, 50 cts.; doz., \$5.50.

Red Emperor.—Without doubt this is the finest deep scarlet Gladiolus ever introduced. Spikes are extremely tall, with very stiff stems, flowers are of a gigantic size and of the most gorgeous shade of red. Supply limited. Each, 15 cts.; doz., \$1.50; 100, \$8.00.

SCHWABEN.—Very fine shade of yellow, with a dark crimson blotch on lower petals; very stiff stem and immense spike. The best yellow cut flower of all. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

WAR.—A strong, erect and vigorous variety, growing to six feet when matured under favorable conditions. The flowers are of good size and form, borne on a long and straight spike. They are a deep blood-red in colour, shaded to crimson-black, but without any decided markings. War" is a new, distinct and valuable acquisition. Each, 15 cts.; doz., \$1.25; 100, \$7.00.

White Giant.—The finest and largest pure white Gladiolus known. This variety excels any other white for the reason that it is pure and of colossal size. The spike is very erect and stiff and many flowers are out at one time, making it fine for cut-flower purposes. Each, 20 cts.; doz., \$2.00; 100, \$9.00.

WILLY WIGMAN.—Large wide-open flower. Bloom of a beautiful blush tint, with long bright tulip blotch on lower petals. One of the most attractive Gladioli on the market. Spike of very graceful habit, and the effect of the crimson on the cream petals is most pleasing. Each, 10 cts.; doz., \$1.00; 100, \$5.00.

Veilchenblau. "New."—This novelty is without a doubt the finest blue Gladioli ever offered. A true blue of the finest description, its flowers are large not crowded on the stem but beautifully arranged, well opened and of good size. Extra fine for cutting. Each, 75 cts.

Vesta Tilly. "New."—The flower of strong substance, are a beautiful vivid pink with small brilliant blotches; the entire flower showing a glistening, sparkling lustre. Extra fine form and color. Each, 25 cts.; doz., \$2.00.

Ferguson's Choicest Mixed.—This mixture is composed of a splendid assortment of the finest varieties grown in a well-balanced mixture. Doz., 50 cts.; 100, \$3.50.

Ferguson's Exhibition Mixed.—A wonderful mixture, containing a large percentage of the best varieties and latest novelties. Doz., \$1.00; 100, \$5.00.

PRIMULINUS HYBRIDS.

New Everblooming Gladiolus.—(Commonly called "Maid of the Mist.") This species of Gladiolus has received much attention during recent years and has created a sensation wherever it was exhibited. The blooms are distinct in their pleasing form and arrangement. Although the individual flowers are not large, they carry an air of grace altogether different from the more or less stiff effect of other Gladioli. Furthermore, these hybrids produce three and sometimes four fully developed flower-spikes from a single bulb planted in the spring.

ALICE TIPLADY.—Primulinus species yellow Kunderdii. A grand large Primulinus of most beautiful orange saffron color. Very choice. Alice Tiplady" was awarded First-class Certificate of Merit by North Shore Hort. Society, Manchester, Mass., Summer of 1919, and many others. Each, 30 cts.; doz., \$3.25.

ADA.—A most lovely variety and the only Primulinus type which is nearly white, color satiny white with a pink blotch inside, very distinct and most attractive. Each, 15 cts.; doz., \$1.25.

GOLDEN GOBLET.—Clear yellow with a tiny spot of red in the throat very attractive. Each, 20 cts.; doz., \$2.00.

MAIDEN'S BLUSH.—One of the most attractive varieties is "Maiden's Blush." Its light pink flowers shaded salmon red, give it a most distinct appearance. First-class Certificate Haarlem, 1918. Each, 15 cts.; doz., \$1.50.

ORANGE BRILLIANT.—Awarded the Gold Medal at the Hague Exhibition for the best and most beautiful Vase of Bloom. And attracted more attention at the show than any other variety. Its bright orange colour, its slender stem, makes it an ideal decorative flower. Each, 10 cts.; doz., \$1.00; 100, \$6.00.

REINE VICTORIA.—A Primulinus of a superb quality. Flowers larger than those of the ordinary Primulinus and of a most beautiful form. Color deep pink, shaded silvery rose, it attained the highest attention at the Haarlem Show August last, one of the finest ever introduced. Each, 15 cts.; doz., \$1.50.

SALMONEA.—One of the finest coloured varieties of the whole set; exceedingly attractive salmon with orange glow. Very elegantly shaped flowers on ideal stems. (First class Certificate, Haarlem Bulb Growers' Soc.) Each, 30 cts.; doz., \$3.25.

SCARLETTA.—The most intensively coloured variety of the whole set. Outside dazzling scarlet, inside fiery cinnabar, excellent in every respect. (First class Certificate, Haarlem Bulb Growers' Society, Award of Merit, Netherlands Horticultural and Botanic Society and Certificate of the Haarlem trial garden.) Each, 30 cts.; doz., \$3.25.

SOUVENIR.—A Primulinus of superb quality. Flowers are larger than those of the ordinary Primulinus and of a most beautiful form. The most perfect and attractive canary yellow Primulinus. Each, 20 cts.; doz., \$2.00.

Primulinus Hybrids Mixed.—A wonderful mixture, containing a large percentage of the best varieties and latest novelties. Each, 10 cts.; doz., \$1.00; 100, \$6.00.

SUMMER FLOWERING BULBS



Apios Tuberosa

Amaryllis Johnsoni.—This is the Giant Amaryllis. The large trumpet-shaped flowers are marked by a broad white stripe extending to the base of each petal, making a very striking contrast to the deep crimson of the flower. The bulbs are easily cured and carried over winter in a dry state. 75 cts. each.

GIANT FLOWERING, HYBRIDS of VITTATA.—Their immense flowers, richness of coloring and regal habit are simply incomparable. They throw up spikes from 2 to 3 feet high, bearing enormous trumpet-shaped flowers, averaging 8 to 10 inches across of great substance, some being of rich and glowing colors, others delicately shaded and superbly veined. Mixed varieties. \$1.00 each.

Apios Tuberosa.—Tuberous-Rooted Wistaria. Bears small, close bunches of deep purple, wistaria-like flowers, with the added attraction of delightful fragrance. An excellent climbing plant. 15 cts each \$1.00 per doz.

Caladium.—**ESCULENTUM** The well-known Elephant's Ear. Effective as single plants or in masses. Prefers a warm rich soil and plenty of moisture; 3 feet high. 25 cts each \$2.50 per doz.

Gloxinia.—Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet shaped, with beautiful markings, shaded violet, rose blue or crimson. One bulb planted in a 5 inch pot will make a magnificent show. Mixed varieties. 20 cts. each; \$2.00 per doz.

FRENCH HYBRIDS.—laced and spotted, mixed varieties. Each, 25 cts.; doz., \$2.50.



Cinnamon Vine

Tuberous Rooted Begonias.—Gold Medal strain seedlings from a most up-to-date strain, perfect in habit, with large fine formed flowers.

	Each	Doz.	100
Single Scarlet.....	\$0.15	\$1.20	\$8.00
White.....	0.15	1.20	8.00
Crimson.....	0.15	1.20	8.00
Yellow.....	0.15	1.20	8.00
Pink.....	0.15	1.20	8.00
Mixed.....	0.10	1.00	7.50

Single extra choice for exhibition in 6 separate colors. Each 30 cts.; doz., \$3.00.

	Each	Doz.	100
Double Crimson.....	\$0.20	\$1.50	\$9.00
Scarlet.....	0.20	1.50	9.00
Pink.....	0.20	1.50	9.00
Yellow.....	0.25	1.50	9.00
White.....	0.25	1.50	9.00
Mixed.....	0.25	1.25	8.00

Double extra choice for exhibition in 6 separate colors. Each, 50 cts.; doz., \$5.00.

BEGONIA LLOYDII.—As a pot plant it is very beautiful, but a still more striking effect is produced in hanging baskets, pink, rose and scarlet. Each, 50 cts.; doz., \$5.00.

NEW FRILLED TUBEROUS BEGONIAS.—Unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter with beautifully frilled and wavy petals. Single, each, 15 cts.; doz., \$1.50. Double, each, 25 cts.; doz., \$2.50.



YELLOW CALLA, ELLIOTTIANA

Calla.—**ELLIOTTIANA.**—The finest Yellow Calla; large rich, deep golden flowers often 4 to 5 inches across the mouth; habit of growth and foliage like the old favorite white Calla excepting the leaves of Elliottiana are spotted with white. Mammoth 3 year old bulbs each, 50 cts.; \$5.00 per doz.

Cinnamon Vine.—A beautiful, hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet high, and when established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume. Each 15 cts, 1.25 per doz.

Hyacinthus Candicans (Summer Hyacinths).—Splendid bulb for planting in the perennial border, being perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, borne on stalks four feet high. Plant in rear on account of tall growth. Each, 20 cts.; per doz. \$1.50.



Ismene Calathena.—The Flowers are of very large size like an Amaryllis, novel form and of snowy whiteness, and exceedingly fragrant. As a pot plant it is grand, and as a garden bulb treated like Gladiolus it is one of the choicest of all flowers. Strong flowering bulbs. 25 cts. each; doz., \$2.50.

Madeira Vine.—The old favorite "Climbing Mignonne", so much prized for porches and arbors on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. The tubers we offer are selected large size. Price, 15c each; \$1.50 doz., post paid.

Tuberose.—Excelsior, Double Pearl.—Large-flowering and valuable for cutting. One of the most successful of the late flowering Summer bulbs. The best results are obtained if the bulbs are planted in pots during March and April, thereby allowing them to get well established before planting outside, though good results are to be had from bulbs planted outdoors during May. Mammoth Bulbs, 20 cts. each \$2.00 per doz. postpaid.

Montbretia.—These beautiful flowering bulbs resembling a miniature Gladiolus are very popular for clumping among perennials and massing.

AURENTIACA.—Deep golden yellow.
Crocasmiaeflora Type.—Scarlet and yellow.
Etoile de Feu.—Vermilion with yellow centre.
GERMANIA.—Orange scarlet, very large.
PYRAMIDAL.—Apricot-salmon, erect.
SULPHUREUS.—Extra fine.

Any of the above varieties 10 cts. each; 75 cts. doz.; \$5.00 per 100.
Mixed Varieties 50 cts. doz.—\$3.00 per 100



MADEIRA VINE

OUR FALL BULB CATALOG

of Dutch Bulbs will be ready in September. Ask for a free copy on your order.

Zephyranthes (Fairy Lilies) They are easily grown, producing plentifully all summer the beautiful lily-like flowers. The best way is to plant several bulbs in a box or flower-pot, as they can then be taken into the cellar during winter. They can be planted also in the open ground in the spring and lifted in the fall, in the same manner as are Gladioli.

WHITE (Candida) Pure white, lily-like flowers. The flowers measure 2 inches across; 8 inches high, 15 cts each; \$1.50 doz., post-paid.

ROSE.—The large flowers are star-shaped and are soft rose-pink. Most attractive in a straight border or in masses, 25 cts. each, \$2.50 doz., postpaid.

HARDY LILIES

AURATUM.—(Gold-banded Lily).—The greatest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the centre of each petal. The plant grows from 3 to 6 feet high. Each 50 cts.; doz., \$5.00.

SPECIOSUM ALBUM.—White. Each 50 cts.; doz., \$5.00

SPECIOSUM RUBRUM (Roseum).—White shaded and spotted with rose and red. Each, 50 cts.; doz., \$5.00.

SPECIOSUM MAGNIFICUM.—New; a grandly beautiful variety; flowers nearly double the size of other Speciosum varieties and of tall sturdy growth. It is a close ally of Melpomene but of much larger size and richer coloring, rich red heavily spotted. Each, 50 cts.; doz., \$5.00.

CROCEUM, light orange spotted black. Each, 30c.; doz., \$3.00

MARTAGON, (Purple Turk's, Cap), flowers purple, spotted black, ht. 4 ft. Each, 30c.; doz., \$3.00

MARTAGON WHITE, a beautiful pure white variety, ht. 4ft Each 30c. doz., \$5.00

PARDALINUM, very fine flowers: scarlet shading to orange. Each, \$1.00 doz., \$10.00

SUPERBUM.—(Turk's Cap Lily).—Rich orange, petals tipped red and dark spotted, 3 to 4 feet; blooms in July and August. Each, 40 cts.; doz., \$4.00.

CANADENSE.—Flowers bright yellow with small black spots. A most graceful Lily Each, 25 cts.; doz., \$2.50.

TIGRINUM SPLENDENS.—(Tiger Lily).—Fiery scarlet flowers, spotted crimson. Each, 30c.; doz., \$3.00

TIGRINUM FLORE PLENO.—Double flowered, orange, spotted black. Each, 30c.; doz., \$3.00.

HANSONI.—Flowers reddish orange 8 to 12 in a cluster; petals thick and durable. We have a stock of strong home-grown bulbs that will give splendid satisfaction. Each, \$1.00; doz., \$10.00.

HENRYI.—(The Yellow Speciosum).—A new, rare and very beautiful Lily from China. The flower stalks, 3 to 5 feet high, carry 5 to 8 large flowers each, the color, a rich apricot-yellow, lightly spotted with brown. Each, \$1.00; doz., \$10.00.



TUBEROSE

Selected Hardy Perennial Plants

OLD-FASHIONED HARDY FLOWERS

ALL the plants included in this section come under the general heading of Hardy Perennials. It may be a little clearer, however, to say that this title describes a class of plants which will live outdoors during winter with little or no protection, producing foliage, flower-stems, and blooms the following summer.

The demand to-day for the so-called old-fashioned flowers, is enormous and it is certain that given a reasonable amount of care they amply repay the grower for all the labor bestowed on them. From the following list, a constant succession of flowers can be had from the very earliest spring days until heavy frost in the fall. Our Perennials are two-year field-grown plants that give results at once.

Achillea "Perry's White."—This fine novelty is a seedling variety of *Achillea Ptarmica*, raised at Perry's Hardy Plant Farms. It grows over 3 feet in height, and has stiff, rigid, much-branching stems, the laterals being 1 foot or more in length, and forming a pyramidal bush, 3 feet through. The double, white flowers are produced in the wildest profusion, and each flower measures 1 inch in diameter. The plants flower from June to late autumn, and the variety is extremely valuable for cutting or for decorative purposes. Messrs. Perry exhibited the novelty at the R.H.S. meeting and gained an Award of Merit for their novelty. Each, 30 cts.; doz., \$3.00.

A. KELWAY'S CARMINE RED.—Large heads of carmine red flowers, blooms all summer; extremely hardy and persistent; excellent for naturalizing. 1 1/2 feet. Each, 25 cts.; doz., \$2.50; 100, \$15.00.

A. "THE PEARL."—Numerous double white flowers, fine for cutting, flowers all summer; 2 feet. Each, 20 cts.; doz., \$2.00.

Aconitum Wilsoni.—It is of a strong, stately habit of growth attaining a height of from 5 to 6 feet, with very large flowers of a light violet-blue color. It commences to bloom early in September, and after the terminal raceme is over others are produced from the branches lower down on the stems, by which means the season is extended to October. Each, 50 cts.; doz., \$5.00.

A. NAPELLUS (Monkshood).—A tall plant, with spikes of showy blue helmet-shaped flowers. 3 to 4 feet. July. Each, 35 cts.; doz., \$3.50.

A. NAPELLUS (bicolor).—One of the earliest and best, with a profusion of pale blue and white flowers. 2 to 3 feet. July, Aug. Each, 35 cts.; doz., \$3.50.

Aegopodium (Bishop's Weed).—**PODAGRIA VARIEGATA.**—A rapid growing plant with neat green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground; 1 foot. Each, 25 cts.; doz., \$2.50.

Agrostemma Coronaria Astrosanguinea.—Large blood crimson flowers completely covering the plant and flowering all summer. 2 to 3 feet. Each, 25 cts.; doz., \$2.50.

A. CORONARIA ALBA.—White form of above. Each, 25c.; doz., \$2.50.

Alyssum Saxatile Compactum.—(**Basket of Gold, Gold Tuft, Rockmadwort.**)—An indispensable plant for the rockery or border, growing 1 foot high and producing early in summer masses of broad, flat heads of bright yellow flowers. Each, 25 cts.; doz., \$2.50.

Anthemis Tinctoria Kelwayi.—(**Marguerite.**)—Handsome, finely cut foliage, and large, deep golden-yellow flowers produced all summer. Succeed in the poorest soil. 2 to 3 feet. Each, 25 cts.; doz., \$2.50.

Anchusa Italica Dropmore Var.—Sterling novelty. The splendid flowers are of the purest blue imaginable and produced on branched stems, about 4 feet high. It is doubtless the finest blue herbaceous plant in cultivation. Blooms in June and July. Each, 40 cts.; doz., \$3.50.

A. OPAL. (New).—Very beautiful variety, with large, pale blue flowers, 3 to 4 feet. Each, 40 cts.; doz., \$3.50.

A. ITALICA.—Large heads, blue, flowers all season; 3 ft. Each, 35 cts.; doz., \$3.50.

Anemone Queen Charlotte.—Very large semi-double flowers of that pleasing shade of silvery-pink peculiar to the La France Rose, a color that is as beautiful as it is rare among hardy plants. Flowers in September to frost; 2 1/2 feet. Each, 35 cts.; doz., \$3.50.

ANEMONE JAPONICA.—White or rose. Each, 35 cts.; doz., \$3.50.

A. PULSATILLA (Pasque Flower).—A choice, hardy border plant from Europe, with large flowers in spring; it delights in a well-drained, sunny place, forming good clumps. Flower-stalks 6 inches high. Excellent for the rock garden or the herbaceous border. Each, 25 cts.; doz., \$2.50.



Alyssum

Anthericum (St. Bruno's Lily).—

LILIASTRUM GIGANTEUM.—A giant-flowering form of the St. Bruno's Lily, producing in May strong spikes of large white flowers, which forcibly remind one of a miniature form of the *Lilium Candidum* or *Madonna Lily*. A very attractive hardy plant. 2 to 3 feet. Each, 40 cts.; doz., \$4.00.

Aquilegia D. Ferguson's Long-spurred Hybrids.—This grand strain has been much admired wherever exhibited. The seed is saved from selected plants only chosen either for size, form or delicacy of coloring. The colors are distinct shades of red, cerise, white, lavender, salmon, mauve, pink, yellow, etc. The size of the blooms are unusually large with long spurs, foliage small and graceful, and plants very free flowering. Each, 25 cts. doz., \$2.50.

A. ROSE QUEEN.—Rose shades with white; beautiful. Each, 25 cts.; doz., \$2.50.

A. SKINNERI.—Flowers scarlet and yellow, long red spurs 3 to 4 feet. Each, 25 cts.; doz., \$2.50.

Armeria Formosa.—(**Thrift.**)—Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which, flesh to deep rose colored flowers appear in dense heads on stiff wiry stems about 9 inches high. Very effective in rockery or border. June, July. Each, 25 cts.; doz., \$2.50.

Artemisia Lactiflora.—Unlike the varieties offered, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems 3 1/2 to 4 1/2 feet high, clothed with elegantly-cut dark green foliage and terminated by panicles of Hawthorn-scented, creamy white Spiraea-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account, being unlike any other plant in bloom at that time. Each, 40 cts.; doz., \$4.00.

A. ABROTANUM (Old Man).—A shrub well known for its fragrance, with yellowish flower heads; foliage dark green, finely cut, aromatic. 3 to 4 feet. Each, 30 cts.; doz. \$2.50.

Asclepias Tuberosa.—Very attractive plants about 2 feet high, and producing from July to August 15, close compact umbels of brilliant, orange-colored flowers. Each, 40 cts.; doz., \$4.00.

A. INCARNATA ROSEA.—A selection of our native milkweed, having pretty rosy flesh-colored flowers during July and August. 4 to 5 feet. Each, 25 cts.; doz., \$2.50.

ASTILBE (Spiraea or Goat's Beard)

The Astilbes make handsome plants, and are naturally suited for a moist, half-shady situation, although they may be successfully grown in any rich garden border. Some of the varieties, like *Hybrida Gruno* and *Hybrida Moerheimi*, grow very tall, with striking, handsome foliage. All are suitable as semi-aquatics, planted in low places and on the edges of ponds, etc.

A. GRANDIS.—A grand species and a fine companion to *A. Davidi*, being of similar habit of growth, the panicles of white flowers frequently 2 to 2½ feet long; the foliage is much divided and attractive. Each, 40 cts.; doz., \$3.50.

A. HYBRIDA GRUNO.—A splendid salmon-pink sort growing 4 feet high and producing light, graceful, spreading spikes of flowers, the finest pink Astilbe yet introduced. Each, 50 cts.

A. HYBRIDA MOERHEIMI.—A cross between *A. Davidi* and an unknown variety, with the strong, robust growth of the former, attaining a height of 5 to 6 feet. The well-branched, erect spikes of flowers have a length of over two feet and are of a beautiful creamy-white. The originator and introducer, a prominent Holland grower, was awarded a first class certificate for this novelty by the Royal Horticultural Society of Holland and considers this plant the most important hardy perennial introduced in many years. Strong plants, each, 60 cts.

A. HYBRIDA SALLAND.—This is a cross, with *A. Davidi* as one of its parents, which it resembles in habit of growth, only much more vigorous, growing over 6 feet high and with flowers of a distinct red color, different from all others. Each, 50 cts.; doz., \$5.00.

A. THUNBERGII (Rivularis) MAJOR.—Long spikes of white flowers on long stems. July. Each, 50 cts.; doz., \$5.00.

Arabis Alpina.—Pure white flowers in great profusion, good for rockery, flowers in early spring; 6 inches. Each, 25 cts.; doz., \$2.50.

Aster "Elta" New.—Undoubtedly the finest Michaelmas Daisy yet introduced, perfect in habit of growth and remarkably free flowering. Very large double flowers, frequently 2½ inches across, loosely arranged in large trusses, of a most beautiful lilac blue color, one of the most distinct and striking novelties in this family. Extra for cutting. 2½ feet. Each, 50 cts.; doz., \$5.00.

A. ROBT. PARKER.—Large sprays of beautiful large, soft lavender-blue flowers with yellow centre, extra fine; valuable cut flower. Each, 35 cts.; doz., \$3.50.

A. MIXED.—From the finest named varieties. Colors ranging from pure white to deep crimson and deep purple in all sections, and will be found very varied in size and time of flowering. These have been raised from the finest named varieties, and for large plantings, and for massing will be found equally as effective as the named varieties. Each, 25 cts.; doz., \$2.50.

Aubrietia.—Hardy perennial invaluable for covering rockwork or any unsightly spot somewhat elevated above the surrounding ground. They will grow in almost any kind of soil and may remain for years undisturbed.

A. PURPUREA.—Flowers of a rich dark purple color. Each 35 cts.; doz. \$3.00.

A. LEICHTLINI.—Rosy red, a very pretty variety. Each, 35 cts.; doz., \$3.00.

Baptisia Australis.—A strong-growing plant, about 3 to 5 feet high, with dark green, deeply cut foliage, and spikes of dark blue flowers in June and July. Each, 25 cts.; doz., \$2.50.

Boltonia Asteroides.—Pure white. Blooms during August and September, and with its thousands of flowers opened at one time produces a very showy effect; 5 to 7 feet. Each, 25 cts.; doz., \$2.50.

Bocconia Cordata.—(Plume Poppy or Tree Celandine).—A noble hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds, and in bold groups almost in any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color, during July and August. Each, 25 cts.; doz., \$2.50.

Canterbury Bells. Godfrey's Superb Strain.—

This is without doubt the finest strain of *Campanula Calycanthemata* yet offered. It was exhibited at several shows last season and attracted great attention. The flowers are much larger than those of other strains and of perfect form both in cup and saucer. Mixed colours. Each, 30 cts.; doz., \$2.75.

Campanula Punctata. Var. Marian Gehring.—

(New).—We have many good reports from this plant. It seems to give best results when planted in a mass of half a dozen or more. A new perennial Canterbury Bell. Grows from two to three feet high, one to many stems for a single plant. Lower leaves round, heart-shaped, strongly toothed, 4 to 6 inches wide, on petioles 4 to 7 inches long. It spreads from subterranean stolons and does not bear seed. A single plant will form a strong clump 2 feet or more in diameter, and the flowers are produced in loose racemes in great profusion. The color of the flowers is pale lavender, and in size they are nearly as large as those of the Canterbury Bell, though more graceful. The flowering season extends over a period of from four to six weeks, after which there is more straggling succession of bloom until frost. This form originated in the garden of Dr. J. G. Gehring, of Bethel Maine, and was found growing near a colony of *Campanula Punctata*, near which one solitary specimen of a Canterbury

Bell (*Campanula Medium*) was in bloom. Since it produces no seed, and has some of the characteristics of both the above species, it is reasonable to suppose it a natural hybrid between the two plants. Each 50 cts.; doz. \$5.00.

Campanula Glomerata Superba.—

Grows from 1½ to 2 feet high, and produces its large showy, violet-blue flowers from June to August, very beautiful. Deservedly one of the most popular hardy plants. Fine for cutting. Each, 35 cts.; doz., \$3.50.

C. LACTIFLORA ALBA MAGNIFICA (New).—A novelty of great merit, from the Imperial Gardens, Petrograd, large flowers, snow white and growing 3 to 4 feet in height perfectly hardy and very vigorous grower distinct from the type which is also very scarce. Each 25 cts.; doz. \$2.50.

C. PYRAMIDALIS (Chimney Bell-flower).—The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large silver-like flowers in August. Each, 25 cts.; doz., \$2.50.

C. PYRAMIDALIS ALBA.—Similar to above, but with white flowers. Each, 25 cts.; doz., \$2.50.

C. PERSICIFOLIA GRANDIFLORA (Peach Bells).—Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue and white flowers. Each, 25 cts.; doz., \$2.50.

C. CARPATICA.—About 12 inches high, two colours, blue and white. Each, 25 cts.; doz., \$2.50.

Cerastium Tomentosum.—(Snow in Summer).

A desirable low growing plant with silvery foliage and white flowers suitable for the rockery or for carpeting dry, sunny spots, such as covering graves or steep banks; can also be used with good effect in carpet bedding. Each, 25 cts.; doz., \$2.50; 100, \$16.00.



Cimicifuga

Centaurea—(Perennial Cornflower).—Fine plants of easy culture for a sunny situation in the border or rockery, and fine for cutting. Bloom in July and August.

C. MONTANA.—Large, violet-blue flowers. 2 feet. Each, 25 cts.; doz., \$2.50.

C. MONTANA ALBA.—A pure white form. 2 feet. Each, 25 cts.; doz., \$2.50.

Chrysanthemum Mayfield Giant. —

(New).—Truly a Giant Daisy, large snow-white, well formed flowers, bearing a double row of petals and produced in great profusion on long stout stems. Perfect erect habit, excellent for cut flower. Each, 40 cts.; doz., \$4.00.

C. SHASTA DAISY "ALASKA".—A decided improvement on the original; with blooms $4\frac{1}{2}$ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. Each, 25 cts.; doz., \$2.50.

Cimicifuga Simplex—(Snake Root).—Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October, a time when flowers are scarce. Its flowering stems are from $2\frac{1}{2}$ to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time. Each, 40 cts.; doz., \$4.00.

C. DAHURICA.—Large cylindrical spikes of creamy-white flowers in September; $3\frac{1}{2}$ feet. Each, 40 cts.; doz., \$4.00.

C. RACEMOSA.—A handsome species bearing in July and August spikes of pure white flowers; well suited for planting in the back of the border, or for naturalizing at the edge of the woods. 4 to 6 feet. Each, 40 cts.; doz., \$4.00.

Shrubby Clematis. This type of Clematis is deserving of the greatest popularity. They form erect bushes 2 to 3 feet high. During their long period of bloom, August and September, they are very attractive.

C. DAVIDIANA AZURE.—A most beautiful new variety growing about three feet high, with fine pyramidal flower trusses covered with flowers, light blue with white centre. Each, 60 cts.

C. DAVIDIANA CYPRIS.—A lovely new variety of bushy growth, the stems being clothed with dense whorls of soft blue fragrant flowers during August and September. Each, 60 cts.

COREOPSIS GRANDIFLORA

One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; blooms during the entire summer and autumn. $2\frac{1}{2}$ feet. Each, 25 cts.; doz., \$2.50.



Echinops Ritro



Delphinium Hybr. Moerheimi

DELPHINIUMS

DELPHINIUM HYBR. MOERHEIMI.—The first and only pure white Delphinium. The best Hardy Perennial introduced of late years. It grows 5 to 6 feet high, and flowers more continuously than any other Delphinium, from the middle of June till autumn, being the first and last in bloom. It produces more flower spikes on one plant than any other hybrid, the side stems measuring $2\frac{1}{2}$ feet. These qualities make it the finest acquisition for cutting purposes. Its flowers are of the purest white, with white eye (like a white Phlox), without the slightest shade of cream, blue or green, like the so-called white Delphiniums which have been introduced of late years, and which cannot be compared with it. The plant has a very strong and healthy constitution and is not subject to mildew. Each, 75 cts.; doz., \$7.00.

D. BELLADONNA.—The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by the hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. Each, 25 cts.; doz., \$2.50.

D. BELLAMOSUM.—This is a dark blue form of the popular light blue Belladonna, with which it is identical in habit of growth, freedom of bloom and other good qualities, but with intensely rich, deep blue flowers. Each, 25 cts.; doz., \$2.50.

D. FORMOSUM.—The old favorite dark blue with white centre, 3 to 4 feet high. Very vigorous, and one of the best. Each, 25 cts.; doz., \$2.50.

D. CHINENSIS ALBA.—A distinct species, with finely cut foliage, bearing spikes of medium size pure white flowers in great profusion; blooms all summer. Each, 25 cts.; doz., \$2.50.

D. CHINENSIS D. BLUE.—Same as Chinensis Alba, but with brilliant deep blue flowers; blooms all summer; handsome. Each, 25 cts.; doz., \$2.50.

D. FERGUSON'S GOLD MEDAL HYBRIDS.—The finest strain of mixed hybrids offered. The original stock came from England, and consisted of the best named varieties. The plants are of strong, vigorous habit, with large flowers on spikes from two to five feet with double and single flowers of all shades from the deepest indigo to the palest silvery blue. Each, 25 cts.; doz., \$2.50.

Dianthus Plumarius.—Fragrant and beautiful—hardy border pink; double and semi-double varieties in beautiful colours. Each, 25 cts.; doz., \$2.50.

D. LATIFOLIUS ATROCOCCINEUS, FL. PL. (Everblooming Hybrid Sweet William).—This is a cross between an annual Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter; in colour an intense velvety crimson scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden. Each, 25 cts.; doz., \$2.50.

Dicentra Spectabilis—(Beleding Heart or Seal Flower). An old-fashioned favorite, its long racemes of graceful heart-shaped flowers are always attractive and especially valuable for planting in the shade. 3 feet. Each, 50 cts.; doz., \$5.00.

Dictamnus Fraxinella (Gas Plant).—An old favorite. Forms bushes 3 ft in height and as broad. The flowers give off a volatile, lemon-scented oil, which will sometimes ignite if a lighted match is held near the flower. One of the most enduring perennials and should not be disturbed. Color rose-pink. Each, 40 cts.; doz \$4.00.

D. ALBUS.—A white-flowered variety Each, 40 cts.; doz., \$4.00.

D. CAUCASICUS.—New large-flowered form. Each 40 cts.; doz., \$4.00.

Digitalis Gloxinaeflora (Foxglove).—A beautiful strain of finely spotted varieties. We offer them in white, purple, rose or mixed. Each, 25 cts.; doz., \$2.50.

NEW DIGITALIS "THE SHIRLEY."—A magnificent strain of the highest beauty, the results of many years of careful re-selection by the Rev. W. Wilks, in his famous garden at Shirley, growing 5 to 7 feet high, the 4 foot long inflorescences bearing enormous flowers, ranging from pure white to the deepest rose, and wonderfully blotched and spotted dark maroon, crimson and chocolate. Award of Merit, R.H.S. Each, 40 cts.; doz., \$4.00.

Doronicum Plantagineum Excelsum.

One of the very best, showiest, and most satisfactory of herbaceous plants. The flowers are borne upon long straight stems, which render them convenient for cutting, and are of the brightest golden-yellow. Blooms May and June. 1½ to 2 feet. Each, 50 cts.; doz., \$5.00.

Echinops Ritro—[Globe Thistle] This is the best species of this genus for cultivation. The dark blue, globular heads are very showy and useful for cutting. Each, 30 cts.; doz., \$3.00.

Erigeron. Hybridus Roseus.—Interesting and attractive plants for permanent positions. The aster-like flowers are about 1 inch across, of a beautiful purplish-rose, with a golden yellow centre. It is a hardy perennial, but will flower the first year if sown early, without interruption, from May until frost. Each, 25 cts.; doz., \$2.25.

Eryngium Amethystinum.—Exceedingly pretty both in flower and foliage and deserve to be better known. The flower heads of handsome amethyst-blue flowers are invaluable for cutting from June to September, and much used for winter decoration when dried. Each, 25 cts.; doz., \$2.50.

Eupatorium Ageratoides—(Thorough Wort) —A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads splendid for cutting. August and September. Each, 25 cts.; doz., \$2.50.

Euphorbia Polychroma Milk Wort.—

(New).—Grows from 18 to 24 inches high, and forms neat clumps with Cypress-like foliage, and during the month of May showy trusses of bright yellow flower-like bracts; very effective even when out of bloom. Each, 30 cts.; doz., \$3.00.

Funkia-Plantain Lily (Day Lily).—Japanese perennials producing attractive clumps of foliage and interesting lily-like blossoms. Their dense stools of foliage are in place along drives or walks and in the angles against buildings. A continuous row along a walk gives a strong and pleasing character. Delight in moist, shady situations. The variegated foliage of some species is extremely beautiful and striking for bedding purposes. The large leaved kinds are excellent subjects for waterside planting.

F. FORTUNEI.—Large glaucous green foliage, lilac-colored flowers. 2 feet.

F. MINOR ALBA.—A pretty miniature-growing variety, with rather large white flowers.

F. SUBCORDATA GRANDIFLORA.—Pure white, lily-shaped; flowers August to September. 1 to 2 feet.

F. UNDULATA MEDIA PICTA.—Green and white variegated foliage, purple flowers. Makes a fine edging. July through August. 1½ to 2 feet.

F. THOMAS HOGG.—Bright green leaves, with broad white margin. Each, 30 cts.; doz., \$2.50.

Galega Officinalis.—Ornamental tallish plants, well suited for flower borders provided they have plenty of room, covered with racemes of pea-shaped flowers purplish-blue, much valued for cutting. Each, 25 cts.; doz., \$2.50.

G. OFFICINALIS ALBA.—Each, 25 cts.; doz., \$2.50.

Gaillardia.—Amongst hardy perennial plants, Gaillardias are conspicuous for profusion and duration of bloom. The striking flowers produce a gorgeous effect in the border, and are highly recommended for cut-flower purposes, lasting a long time in water, and being gathered with ample, self-supporting stems.

G. GRANDIFLORA KELWAY'S.—Flowers intense blood-crimson, margined with golden-yellow. 2 feet. Each, 25 cts.; doz., \$2.50.

G. MRS. BATEMAN BROWN.—A very large new variety with flowers 4 inches in diameter, crimson with yellow edge. Very distinct and beautiful. Each, 40 cts.; doz., \$4.00.

Geum Coccineum.—(Mrs. Bradshaw).—This fine variety produces very large flowers 2 inches or more across, semi-double, with large waved petals of the most brilliant scarlet. They are borne on long wiry stems continuously from June to September. For cutting purposes it is most useful, while for border decoration it will be found superior to all other varieties of Geum. Each, 30 cts.; doz., \$3.00.

G. LADY STRATHEDEN (New).—To those who know the Geum family Lady Stratheden is best described as the rich golden-yellow counterpart of the brilliant and popular scarlet Mrs. Bradshaw. Such difference as there is in habit between the two, favours Lady Stratheden, whose flowers are larger and more freely borne and whose growth is inclined to additional sturdiness and vigor. Each, 50 cts.; doz., \$5.00.

Gillenia Trifoliata.—(Bowman's Root).—A desirable strong-growing perennial, suitable for the mixed border, rockeries or other hardy gardens. Handsome trifoliate foliage and numerous white flowers, tinged with pink. July. 3 feet. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Gypsophila Paniculata Fl. Pl.—Undoubtedly this is the finest addition to Hardy Garden plants that has been introduced for some years. The plant is identical with the well-known single variety, but the flowers are perfectly double and form a cloud of beautiful miniature rosettes; strong branching habit, very elegant sprays, quite the best and most useful flower for table decoration, &c. Each, 75 cts.

G. PANICULATA.—Small white flowers in great profusion. 2 feet. Each, 25 cts.; doz., \$2.50.

Helenium Autumnale Rubrum.—

(Blood Red Sneezewort; Autumnal Tints).—Flowers resemble the blood-red English Wallflower in color. 3 to 4 feet. August and September. One of the best plants introduced in years. Fine for cutting. Certificate of Merit. Each, 30 cts.; doz., \$3.00.

H. JULISONNE.—A new introduction with flowers of a magnificent dark yellow and velvet-brown centre. Blooms from the end of August to November. 30 cts. each; \$3.00 per doz.

H. RIVERTON BEAUTY.—Pure lemon-yellow with large disc of purplish black. Each 30 cts.; doz., \$3.00.

H. RIVERTON GEM.—Old-gold, changing to wallflower-red. Each, 30 cts.; doz., \$3.00.

H. HOOPESII.—Large; orange-yellow; flowers in June and July 2 feet. Each 25 cts.; doz., \$2.50.



Gypsophila Paniculata.

Hemerocalis. Yellow Day Lily.

The Day Lilies are magnificent hardy plants and are undoubtedly among the finest plants for ordinary garden culture, as they will grow anywhere in either partial shade or full sun. The flowers are produced in spikes of from six to a dozen blooms, opening in succession, and are very useful when cut for indoor decoration. Good for borders, shrubberies, wild garden or naturalizing in grass.

H. FLAVA.—(Yellow Day Lily).—A most useful, desirable, herbaceous plant, producing its large, fragrant yellow flowers during July and August in the greatest profusion; the plants grow 3 feet high. Each, 25 cts.; doz., \$2.50.

H. AURANTIACA.—A new species of recent introduction, with very large deep orange flowers, shaded brown. One of the finest hardy plants. 2 feet. July. Each, 30 cts.; doz., \$3.00.

H. THUNBERGI.—The latest to flower; rich, buttercup-yellow, funnel-shaped flowers throughout July. 4 feet. Each, 25 cts.; doz., \$2.50.

H. DUMORTIERI.—Very dwarf; 18 inches; flowering in June; rich, cadmium-yellow; buds and reverse of petals bronze-yellow. Each, 25 cts.; doz., \$2.50.

H. MIDDENDORFFII.—A profuse bloomer over a long season. Flowers deep golden yellow; three to five in a terminal head. June to July. 2 to 3 feet high. Each, 25 cts.; doz., \$2.50.

Helianthus. Miss Mellish.—One of the most valuable perennial Sunflowers. Attains a height of 5 to 7 feet in good soil, and soon forms large clumps. Flowers golden yellow, averaging 4 inches across, during September and October. Each, 25 cts.; doz., \$2.50.

H. RIGIDUS JAPONICUS.—One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet. Each, 30 cts.; doz., \$2.50.

Heliopsis Scabra Zinniaeflora.—A new double flowering form, bearing golden-yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennials for cutting. Each, 35 cts.; doz., \$3.50.

H. PITCHERIANA.—A desirable variety. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower. Single. Each 25 cts.; doz., \$2.50.

FERGUSON'S SUPERB DOUBLE HOLLYHOCKS

Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The Hollyhock requires a rich, deep, soil, well drained, and will repay any extra care. A slight protection during the winter will be beneficial. Double white, double yellow double rose, double red, double maroon double salmon double mixed. Each 30 cts.; doz., \$2.50; 100, \$15.00.

NEWPORT PINK.—A charming variety, which originated in one of the famous gardens at Newport R.I., and awarded a certificate of merit by the Royal Horticultural Society of London in 1912. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants. Each, 30 cts.; doz., \$2.50.

ALLEGHENY.—Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high; mixed colors. Each, 25 cts.; doz., \$2.50.

NEW DOUBLE HOLLYHOCK "EXQUISITE."—The flowers of this splendid new Hollyhock are very large, measuring 4 to 5 1/2 inches across, and possess the charming new feature that every petal, both of the circumference and centre, is extremely curled and fringed. The flower is extremely double and each white margined petal is adorned with a large blotch either of rose, light rose, carmine rose, violet or dark purple. Each, 50 cts.; doz., \$5.00.

Hesperis Matronalis.—(Sweet Rocket).—Plant flowered; sweet scented in the night. South Europe and Asia. Flowers in June. Each, 25 cts.; doz., \$2.50.

Heuchera—(Alum Root or Coral Bells).—Most desirable dwarf, compact, bushy plants of robust constitution and easy culture, growing 1 1/2 to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

H. SANGUINEA.—A very free-flowering coral-red. Each, 30 cts.; doz., \$2.50.

H. SANGUINEA MAXIMA.—A fine new variety with flowers much larger, deeper, and brighter than H. Sanguinea. Each, 50 cts.; doz., \$5.00.

H. PLUIE DE FEU.—A greatly improved form of this type, with graceful spikes of flowers of fiery red color. Very beautiful. Each, 50 cts.; doz., \$5.00.

Hibiscus—(Mallow).—A very showy plant for any position, but succeeds especially well in damp places. Very large, single, hollyhock-like flowers produced during the entire summer.

H. CRIMSON EYE.—Flowers of immense size; pure white, with large spot of deep velvety crimson in the centre! Each, 25 cts.; doz., \$2.50.

Iberis Sempervirens—(Evergreen Candytuft).—Few hardy perennials afford a more prolonged display than this. Its flowers often remain fresh a month. Well adapted to any place in the garden where the sun can strike it. May and June, 8 to 12 inches. Southern Europe. Each, 25 cts.; doz., \$2.50.

Incarvillae Grandiflora.—More vigorous grower than I. Delavayi with flowers of double its size and of a brighter and warmer colour. Effective rare plant. Extra strong plants, that have flowered. Each, 30 cts.; doz., \$2.50.

I. DELAVAYI.—(Hardy Gloxinia).—One of the choicest perennial plants. It produces large gloxinia-like rose-colored flowers, which last in perfection a long time; these are produced in clusters on stems 18 inches high, in June and July; succeeds in sun or shade. Each, 25 cts.; doz., \$2.50.

Inula "Golden Beauty."—A new and distinct variety of Inula. The flowers are clear golden yellow, 2 or 3 inches in diameter, borne on long slender stems, making it most useful for cutting. The plants grow to a height of 1 1/2 to 2 feet. Each, 30 cts.; doz., \$3.00.

I. GLANDULOSA GRANDIFLORA.—Enormous rich orange yellow flowers, 4 to 5 inches in diameter. Each, 30 cts.; doz., \$2.50.

I. MACROCEPHALA.—Heads of yellow flowers. 4 feet. Each, 30 cts.; doz., \$2.50.

IRIS KAEMPFERI

The magnificent Iris Kaempferi belongs to the Apogons, and a field of them in bloom is a most gorgeous sight. Seeing them for the first time, one cannot withhold an exclamation of surprise, and having once seen can never forget their striking beauty.

Culture.—The secret of success is to keep the ground well stirred, never allowing it to bake or become hard. Any good mellow clay loam will grow Japanese Irises to perfection, if well enriched. They like plenty of moisture during the growing season, but flooding with water is not a necessity, as many suppose. Water standing over the plants for a great length of time in winter is fatal to them.

AMETHYST.—Single. Very large wavy petals most exquisite lavender shade. Each, 40 cts.; doz., \$4.00.

AZURE.—Double. Immense flower exquisitely wavy, mauve blue with darker halo surrounding the yellow blotch at base of petals. Very large and fine. Each, 50 cts.; doz., \$5.00.

GOLD BOUND.—A fine double pure white, enriched by a creamy glow from the gold banded centre. Each, 30 cts.; doz., \$3.00.

H. VON SIEBOLDT.—Single. Reddish, veined white, yellow centre. Each, 30 cts.; doz., \$3.00.

INDO.—Single. Broad wavy petals of great size, color dark rich blue, only slightly veined. The yellow central blotch is unusually bright. Each, 30 cts.; doz., \$3.00.

MAHOGANY.—Double. Dark red shaded maroon. Each, 50 cts.; doz., \$5.00.

MARS.—Single. Reddish purple, striped and blotched white. Each, 30 cts.; doz., \$3.00.

MIRAGE.—Single. Light pink, suffused with light blue towards centre. Each, 30 cts.; doz., \$3.00.

MT. HOOD.—Double. Light blue, shaded darker, bright orange centre. Each, 30 cts.; doz., \$3.00.

NORMA.—Double. Exquisite silky lavender-pink, with clear blue halo surrounding the yellow blotch at base of petals. Fine and large. Each, 50 cts.; doz., \$5.00.

P. C. DE ROHAN.—Double. Light purple, shaded violet, centre dark purple. Each, 30 cts.; doz., \$3.00.

PINK PROGRESS.—Single. Ash grey lavender; clear blue halo overlaid with a silver sheen. Each, 50 cts.; doz., \$5.00.

PYRAMID.—Double. Violet-purple veined white in centre of each petal. Each, 25 cts.; doz., \$2.50.

RED RIDING HOOD.—Single. Fine amaranth, veined and suffused white. Each, 30 cts.; doz., \$3.00.

RUFFLED MONSTER.—Double. Deep pinkish plum heavily veined white surrounding the yellow blotch, finely formed and beautiful, ruffled, very large and striking. Each, 50 cts.; doz., \$5.00.

TAIHERAKU.—Double. Rich vinous purple with conspicuous yellow blotches tipped blue radiating into purple veins and feathery petaloid stigmas gray and lavender. Six petals. Each, 60 cts.; doz., \$3.00.

SHADOW.—Single. Self color reddish purple. Each, 30 cts.; doz., \$3.00.

T. S. WARE.—Double. Reddish violet veined white. Centre white slightly marked lemon. Each 30 cts.; doz., \$3.00.

SEEDLINGS.—Splendid range of colors. Many of them are above the average in quality. Fine for group planting. Each 20 cts.; doz., \$2.00.

Iris Siberica.—Compact tufted habit of growth, the stems bearing several clusters of the purplish-blue flowers 2 to 3 feet. May, June. Each, 30 cts.; doz., \$3.00.

SNOW QUEEN.—Flowers large snow-white, carried on strong stems; free-flowering. 2 to 3 feet. June. Each, 30 cts.; doz., \$3.00.

GERMAN IRIS FLEURS-DE-LIS

The Iris is one of the finest, if not the finest, of our hardy plants. Not particular as to soil or location, but asking only that the sun shine on it, it throws up spikes of bloom that are marvelous in their delicacy of structure and the colorings which are exquisitely dainty are wonderful in their blendings and variety.

They are very effective planted in groups and if used for borders are particularly desirable in that the foliage remains fresh and upright after the blossom stalks are removed.

Planted in late August or early September they flower very freely the first season.

For use as cut flowers they are rapidly gaining in popularity with Florists.

In the description given "S" signifies standards and "F" indicates falls.

AUREA.—Rich chrome yellow. The finest pure yellow. 24 inches. Each, 35 cts.; doz., \$3.50.

CALYPSO.—White, with blue netting; medium height. Each 35 cts.; doz., \$3.50.

CELESTE PALLIDA.—Pale sky-blue; beautiful and of a great delicacy; free-blooming; 30 inches. Each, 25 cts.; doz., \$2.50.

DARIUS.—S. pure canary-yellow; F. lilac, with white margin and handsome beard of orange; very distinct and beautiful. 20 inches. Each, 35 cts.; doz., \$3.50.

DR. BERNICE.—S. coppery bronze; F. velvety crimson; very large and beautiful. 2 feet. Each, 35 cts.; doz., \$3.50.

FAIR Y.—White, with exquisite fringe and suffusion of soft blue, that of the inner petals being the purest blue found in an Iris dainty and yet aristocratic, and of most agreeable fragrance; 24 inches. Each, 25 cts.; doz., \$2.50.

FLORINTINA ALBA.—Height 18 to 24 inches. White; very early and vigorous; valuable for cut flowers. Each, 25 cts.; doz., \$2.50.

FLAVESCENS.—S. extremely delicate yellow; F. nearly white with olive markings at the base; good for cutting in early May. 30 inches. Each, 25 cts.; doz., \$2.50.

GRACCHUS.—S. lemon-yellow, with tinge of primrose; F. nearly crimson, with red-purple tracings; foliage 12 to 15 inches; blooms 18 to 21 inches; early. Each, 25 cts.; doz., \$2.50.

HERANT.—S. bluish lilac; F. dark bluish lavender; very like Brooklyn. Each, 25 cts.; doz., \$2.50.

HER MAJESTY PALLIDA.—S. of exquisite shade of rose-pink, brighter and clearer than that of Queen of May; F. darker with considerable veining; not quite so robust as Queen of May nor so tall. Each, 35 cts.; doz., \$3.50.

HONORABILIS SYN. SANS SOUCI.—S. strong golden yellow; F. handsome crimson brown; makes a superb display in a mass and is unsurpassed in the border. 18 inches. Each, 25 cts.; doz., \$2.50.

KHARPUT.—S. violet; F. velvety red-purple; a large handsome flower; similar to Trojana; not of easy cultivation. Each, 25 cts.; doz., \$2.50.

MADAME CHEREAU.—S. and F. white broadly and handsomely frilled clear blue; if new it would create a sensation; 32 inches. Each, 25 cts.; doz., \$2.50.

MADAME PACQUETTE PALLIDA.—Bright red-violet or rose claret self; beautiful; similar to Caprice, but not so large; early. 42 inches. Each, 25 cts.; doz., \$2.50.

MRS. ALLAN GRAY.—Pale uniform lilac-pink of soft tone and lighter than in Queen of May and of larger bloom; sometimes yields a second crop of bloom in the summer; foliage 18 to 21 inches; blooms 21 to 30 inches; early. Each, 50 cts.; doz., \$5.00.

MRS. H. DARWIN.—All pure white, except delicate violet netting at the base of the falls and the orange beard; 24 inches; early. Each, 25 cts.; doz., \$2.50.

OTHELLO SYN. SAPHO. (Neglecta variety).—S. very dark lavender; F. deep rich purple; medium sized flower of rich coloring; foliage 15 to 18 inches; blooms 21 to 27 inches. Each, 25 cts.; doz., \$2.50.

PRINCESS VICTORIA LOUISE.—A good landscape variety, with light yellow standards and plum colored falls bordered cream; similar to Loreley, but in general of slightly lighter colors; late mid-season. Each, 50 cts.; doz., \$5.00.

SPECTABILIS.—S and F. medium purple; foliage 18 to 24 inches; blooms 24 to 30 inches; very profile and early. Each, 25 cts.; doz., \$2.50.

STANDARD BEARER PALLIDA.—Soft rosy mauve, or pink deeper than in Fairy Queen and a little darker than in Rose Unique. 38 inches. Each, 35 cts.; doz., \$3.50.

MRS. NEUBRONNER.—Height 24 inches. Deep golden yellow; one of the best of this color. Each, 50 cts.; doz., \$5.00.

MAORI KING.—S. rich golden yellow; F. velvety crimson, margined gold. One of the finest. 18 inches. Each, 35 cts.; doz., \$3.50.

PALLIDA PERFECTA.—Soft rosy violet, orange beard. Each, 30 cts.; doz., \$3.00.

RETICULATA ALBA.—S. white; F. violet-purple, edged and reticulated white. Each, 25 cts.; doz., \$2.50.

MIXED VARIETIES.—Each, 20 cts.; doz., \$2.00.

Lathyrus Latifolius.—Perennial Pea. A very desirable perennial and though the flowers are not fragrant, like the sweet pea, they are very handsome; flowers the entire summer; fine for cutting. Charming climbers for covering trellises, arbors, etc.

L. LATIFOLIUS.—Deep rosy red. Each, 30 cts.; doz., \$2.50.

L. PINK BLOSSOM.—A new variety, with flowers of a delicate apple-blossom pink, shaded white; a continuous bloomer. Each, 30 cts.; doz., \$3.00.



German Iris

L. WHITE PEARL.—A magnificent pure white variety, with trusses and flowers of unusual size, blooming continuously. Each, 30 cts.; doz., \$3.00.

Lavandula Vera—(Lavender).—This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. Each, 25 cts.; doz., \$2.50.

Linum Perenne (Flax).—A desirable plant for the border or rocky, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. Each, 25 cts.; doz., \$2.50.

Linaria Dalmatica.—Dainty sulphur-yellow flowers resembling those of the snap-dragon. A first-class perennial, blooms June to October. Fine for cutting. Each, 25 cts.; doz., \$2.50.

Liatris—(Blazing Star).—Striking plants for the hardy border, with tall, rocket-like spikes of rosy purple flowers; 3 to 4 feet high; August. Succeed in any position.

LIATRIS SPICATA.—Brilliant purple. Each, 35 cts.; doz., \$3.50.

Lily of the Valley.—Clumps. Each, 25 cts.

Lythrum Roseum Superbum.—Strong perennial for water side planting, or in the shrubbery borders, where they hold their own. They produce long spikes of brightly rose-colored flowers in July and August. 3 to 4 ft. Rose-loose-strife. Each, 30 cts.; doz., \$3.00.

Ligularia Jacquemontana.—A very fine old garden plant, and rare at present. Has large glaucous cores, on stems about 7 feet high, bearing rich, yellow flowers; very decorative. Each, 50 cts.

Lobelia Cardinalis.—Cardinal Flower. Handsome plants thriving in a moist deep loam, where they will not suffer from drought; long spikes of intense fiery scarlet flowers. August till late in September, 3 to 4 feet. Each, 30 cts.; doz., \$3.00.

Lysimachia Fortunei.—(Loosestrife).—Long recurved spike of pure white flowers, from July to September. A desirable variety. 2 feet. Each, 25 cts.; doz., \$2.50.

L. PUNCTATA (Golden Loosestrife).—Fine plant for water-side or wild gardens, bearing spike of yellow flowers. July and August. 3 feet. Each, 25 cts.; doz., \$2.50.

LUPINUS POLYPHYLLUS

Effective plants, producing large spikes of flowers. Mrs. Ely says of them, "May be planted either in the autumn or early spring. These plants bloom from about the 20th of May for three weeks, and grow about three feet high. Being perfectly hardy and free from attack of insects, they are especially valuable. They require only well prepared garden soil and to be kept watered in dry weather, which should always be done, if possible, late in the afternoon."

L. POLYPHYLLUS.—Clear blue. Each, 40 cts.; doz., \$4.00.
L. ALBA.—A white variety of above. Each, 40 cts.; doz., \$4.
L. MOERHEIMI.—A comparatively new variety and a plant that, on account of its clean, bold growth, always attracts attention. The spikes of flowers are frequently over a foot long, in colour superb, being a combination of light and dark shades of pink without a trace of magenta. Each, 40 cts.; doz., \$4.00.
L. POLYPHYLLUS SUNSHINE (New).—Without doubt the most brilliant yellow Lupin yet raised. Its massive spikes are freely produced and the color is rich and bright. For border, massing or future planting its possibilities are unlimited. Each, 50 cts.; doz., \$5.00.

Lychnis Chalcedonica.—A most desirable plant heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. Each, 25 cts.; doz., \$2.50.

L. HAAGEANA.—Flowers scarlet, nearly 2 inches across, 8 to 10 inches. Each, 25 cts.; doz., \$2.50.

L. ARKWRIGHTII.—A cross between L. Chalcedonica and Haageana, having the upright habit of Chalcedonica, with the flowers of Haageana, but very greatly improved. A botanical novelty of great merit and a decided acquisition. Each, 40 cts.; doz., \$4.00.

Malva Moschata.—Musk Mallow. Flowers rose or white, about 2 inches wide, intermediate axillary clusters; height about 2 feet; branching. A handsome perennial native of Britain. Each, 25 cts.; doz., \$2.50

MEEHANS' MALLOW MARVELS

The most remarkable creation of the day, absolutely hardy, the Mallow Marvels have been tested, and are thriving in Canada and in the mountain portions of the northern states as successful as in Georgia and Florida. A plant for all sections of the country. In individual blooms are as large as ten inches across. Plants labeled to color as they flower. Every plant sold true to color. White Marvel, Red Marvel, Pink Marvel, each, \$1.00.

Monarda Didyma.—Cardinal-red flowers in large, showy heads 2 or more inches across, on leafy, langed stems about 3 feet high, and when massed for distinct effects against a dark background, its brilliant flowers give bright, semi-tropic garden pictures in summer. Each, 25 cts.; doz., \$2.50.

Myosotis Alpestris Robusta Grandiflora.—Forget-me-not. A dwarf and compact variety; flowers pale blue. May, June. Each, 25 cts.; doz., \$2.50.

Nepeta Mussini.—Hails from the Caucasus, has light mauve flowers which are borne in profusion from May to September; 1½ feet. Suitable for the rock garden. Each, 25 cts.; doz., \$2.50.

Orobis Lathyroides.—(Bitter Vetch).—Little known spring-flowering plants, well worthy of extended cultivation and succeeding in any soil or position. Excellent for the border or rockery, forming erect, shapely plants a foot high, covered during May and June with spikes of bright blue pea-shaped flowers. Each, 30 cts.; doz., \$3.00.

Pansies. Ferguson's Giant Show—For richness and variety of colouring we believe these plants are unsurpassed. Each, 15 cts.; doz., \$1.25.

EARLY FLOWERING HARDY PHLOX

MISS LINGARD.—This grand white variety is one of the most popular sorts grown; it grows about 2 feet high and starts to bloom in May, continuing to flower until late in October and is always attractive. Each, 35 cts.; doz., \$3.50.

PHLOX DIVARICATA CANADENSIS.—One of our native species, which is worthy of extensive planting, commencing to bloom early in April and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. Each, 30 cts.; doz., \$3.00.

PHLOX SUBULATA (MOSS, OR MOUNTAIN PINK)

An early spring-flowering type with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery or the border,

der, and invaluable for carpeting the ground or covering graves.

BRIDESMAID.—Purple tinted white.

ALBA.—Pure white.

ROSEA.—Bright rose.

G. F. WILSON.—(New).—Clear, delicate lavender, a superb and rich color. We recommend this strongly as a most desirable shade. Each, 25 cts.; doz., \$2.50; 100, \$15.00.

FERGUSON'S "SUPERB" COLLECTION OF FOURTEEN HARDY PHLOX

The varieties described below, recent introductions of noted European specialists, show great advances in color and combinations.

AEGIA.—Brilliant scarlet-red, does not burn in the sun.

ANTONIN MERCIER.—Very large; pure white centre, bordered clear lilac; fine.

CREPUSCULE.—Very large flowers of soft lilac deepening to a deep crimson centre, total effect is very fine. Medium height. Midseason.

ELIZABETH CAMPBELL.—Very bright salmon-pink, with lighter shadings and dark red eye; attracts more attention than any other variety; one of the handsomest.

EUROPA.—A white variety, with a decided crimson-carmine eye. The individual flowers and trusses are very large; entirely distinct; of remarkable sturdy, erect habit.

MONT BLANC.—This is undoubtedly the finest pure white Phlox which has yet been raised. It has a strong habit and produces flowers of an enormous size—often larger than a silver dollar—and perfect form.

LE MAHDI.—Metallic, bluish violet; fine large truss; extra.

MISS ELLEN WILLMOTT.—Rosy pink, with lighter centre, splendid new color.

LIVINGSTON.—(New).—Immense trusses, with blooms larger than a silver dollar. Beautiful clear pink; extra fine.

SELMA.—Tender soft pink with a large crimson centre. A lovely new variety of perfect form.

G. A. STROHLEIN.—Orange scarlet flowers, with bright carmine eye. Large flowers and clusters.

GEN. VAN. HUETZ.—Large panicles of salmon-red on medium sized trusses. Eye a grayish-white. Midseason to late.

GOLIATH.—Large and tall, very bright red.

WANADIS.—White with lilac stripes. Very distinct purple eye. Somewhat resembles Phlox Divaricata Canadensis.

PRICE.—Any of the above new sorts, each, 35 cts.; doz., \$3.50. **STANDARD NAMED VARIETIES.**—Each, 25c.; doz., \$2.50.



Hardy Phlox

Peony Baroness Schroeder.



Dupuy & Ferguson
38 JACQUES-CARTIER SQ.
Montreal

PEONIES

Peonies require a good rich, deep soil and an abundant supply of water during the growing season. When enriching the ground the use of too much fresh manure near the roots should be avoided. An important point to observe is not to plant too deep. The roots should be planted so that the eyes will be 2 to 3 inches below the surface. Too deep planting is a frequent cause for shy flowering.



Abatre

ADOLPHE ROUSSEAU (Dessert 1890).—Very large, semi-double. Purple-garnet. Very tall, vigorous grower; dark foliage, veined-red. Early. One of the darkest Peonies. Fine for landscape effects. In our opinion the best very early dark red Peony. Each, \$2.00.

ALBATRE.—Second to none for this type of bloom. Large milk-white rose flower with wide central petals, edged with carmine; quite variable, some blooms having a collar develop into a crown bloom, when in the last stages of growth. Fragrant. Each, \$1.50.

ALBERT CROUSSE (Crousse 1893).—A superb Peony of great merit. Immense, full, convex bloom, perfect in outline and shape. Its color is an even, delicate sea-shell pink. Tall, erect, free bloomer. Fragrant. Late. Each, \$1.25.

ALEXANDRIANA.—Strong, upright grower and free bloomer. Very large and full. Color violet-rose with white and salmon shadings. Double rose type. Early. Each, 75 cts.

ALICE CROUSSE.—Color violet-rose, its centre fading to nearly white. Large, loose, bomb type. Vigorous grower. Each, \$1.50.

ALSACE LORRAINE.—Very finely formed, flat flowers of creamy white with a golden halo; petals pointed, giving a water-lily effect. Tall and a free bloomer. Late. A grand novelty. Each, \$4.50.

ASA GRAY.—A variety which was introduced a good many years ago, but rather scarce, as there is always a good demand. Unique flowers of milk-white thickly sprinkled with minute carmine dots, so that the total effect is delicate pink. Midseason. Each, \$1.50.

AUGUSTE VILLAUME.—Dark violet rose, a uniform color throughout the entire flower. Enormous full round blooms with closely set large petals. Rose type. Late. Each, \$1.25.

AUGUSTIN D'HOOR.—Syn: Marechal McMahon. This is the grand red Peony of vigorous growth and habit. Extremely large, perfectly built blooms of a very deep, rich, brilliant solferino-red with slight silvery reflex. Bomb type. Mid-season. Each \$1.00.

AURORE (Dessert).—Very large, flat loose flower of lilac-white color. The collar of the bloom is lighter and flecked with crimson; the guards are prominently flecked carmine. Semi-rose type. Late. Each \$2.00.

AVALANCHE.—This variety is much confused with Albatre, but the two are decidedly different. Color pure snow-white, with a few delicate carmine flecks lengthwise of the petals. Crown type. Late midseason: Fragrant. Each, \$1.50.

BOULE DE NEIGE.—Similar to Festiva Maxima having its pure white color and crimson flecks in the centre. Large cup-shaped, perfectly-built bloom of good substance. Extra good as cut-flower variety. Fragrant. Each, 75 cts.

BARONESS SCHROEDER (Kelway).—One of the best and most satisfactory white Peonies. Immense globular flowers, white guard petals, and a soft, baby-pink centre becoming pure white. Stems very strong and rather light green foliage. Late midseason. Each, \$2.00.

BERLIOZ (Crousse).—Large, compact, rose type. Light carmine-rose, tipped silver. Medium, strong, tall, free bloomer. Late midseason. Each, \$1.25.

CLAIRE DUBOIS.—A gem amongst the Peonies and considered even better than Monsieur Jules Elie. Very large, double globular flowers. Color rich, clear satiny-pink with glossy reflex. Rose type. Late midseason. Each, \$1.50.

COMTE DE PARIS.—Syn: Monsieur Rousselon. Guards and collar violet-rose, wide collar amber-white, small crown flecked crimson, surrounding centre of narrow amber-white petals. Strong, vigorous grower. Crown type. Midseason. Fragrant. Each, 75 cts.

COURONNE D'OR.—Immense, very full, imbricated, ball-shaped bloom, compactly built from edge to centre. Color snow-white reflecting golden yellow stamens that show through the petals; central petals tipped crimson. One of the best white varieties. Semi-rose type. Late midseason. Each, 75 cts.

DELACHEL.—One of the most remarkable Peonies. A strong grower and free-blooming variety. Color deep, rich amaranthine purple with a crimson reflex, slightly tipped silver. Rose type. Late midseason. Extra good. Each, 75 cts.

DOCTEUR BRETONNEAU.—Syn: Lady Leonora Bramwell. An exceedingly fragrant flower of perfect symmetrical form. Its color is a delicate silvery rose with lively pink centre; petals tipped creamy white, occasionally flecked crimson. Fine for cut flowers. Bomb type. Early midseason. Each, 60 cts.

DOCTEUR BRETONNEAU (Gr. 1850).—Large, compact, rose type. Guards pale lilac, centre milk-white, shaded amber. Fragrant. Tall, strong grower, very free-bloomer. Midseason. Extra commercial variety. Each, 60 cts.

DUCHESSE DE NEMOURS.—Syn.: Mrs. Gwyn Lewis. Superb, cup-shaped, sulphur-white flowers with green reflex. It gradually changes to a pure snow-white without a spot or blemish. Extra good commercial variety blooming a few days later than Festiva Maxima. Crown type. Early. Each, 75 cts.

DUCHESSE OF TECK.—Large, flat bloom of fine form. Creamy white. Each, \$1.00.

DUKE OF WELLINGTON.—A vigorous and tall growing variety producing flowers of enormous size with white guards and sulphur centre. An ideal cut flower. Bomb type. Late midseason. Each, 60 cts.

EDULIS SUPERBA.—One of the very best commercial pinks. A most beautiful bright, clear mauve-pink with silvery reflex. Crown type. Very early. Each, 50 cts.

EMILE LEMOINE.—Large blooms. Solferino red with slight silvery tips. Bomb type. Late. Fragrant. Each, 60 cts.

EUGENIE VERDIER.—Syn.: Pottsi Alba. Another most beautiful Peony of a pale hydrangea-pink color with primary petals lighter and centre flushed crimson. Semi-rose type. Midseason. Each, \$1.50.

EUGENE BIGOT.—A very fine brilliant crimson, of upright habit and medium height. One of the most conspicuous of this color. Late midseason. Each, \$2.50.

FELIX CROUSSE.—One of the very best varieties. Large globular, typical bomb type. Brilliant red. Late midseason. Each, 75 cts.

FESTIVA MAXIMA.—The most popular white Peony for cut flowers. Pure white prominently flecked crimson. Outer petals sometimes faint lilac-white on first opening. Tall, vigorous grower. Rose type. Early. Each, 75 cts.

GENERAL BERTRAND.—Syn.: Madame Furtado. Full, double flowers of globular form and even shade of solferino-red; centre slightly tipped silver. Each, 75 cts.

GLOIRE DE CHARLES GOMBAULT.—Beautiful tri-colored blooms. Guards and crown light rose; collar of cream-white petals, widening toward the centre. Crown type. Midseason. Each, \$1.00.

GERMAINE BIGOT.—Very large, medium compact flat crown. Pale lilac-rose, centre prominently flecked crimson. Strong, erect, medium height, free-bloomer. Midseason. Each, \$2.00.

GLOIRE DE TOURAINE (Dessert 1908).—Velvety crimson flowers borne on long stems. Very late. Fragrant. Each, \$2.

JAMES KELWAY.—Very double and full flowers, borne in immense clusters. Color rose white changing to pure milk-white tinged yellow at the base of petals. Semi-rose type. Early midseason. Each, \$1.50.

JEANNE D'ARC.—Guards and centre pale lilac-rose, collar cream-white shaded with sulphur. Large, globular, bomb type, developing a crown. Midseason. Very similar to Golden Harvest. Each, 75 cts.

LA COQUETTE.—Guards and crown light pink, collar rose-white, centre flecked carmine. Crown type. Midseason. Fragrant. Each, 75 cts.

LA ROSIERE.—Outer petals pure white shading to cream-white in the centre; pale green carpels with white stigma. Semi-double type. Midseason. Each, \$1.50.

LA TULIPE.—Syn.: Multicolors. Enormous, fragrant flowers, delicate blush-white shading to ivory-white with red tulip markings on outside of guard petals. Semi-rose type. Midseason. Fragrant. Each, 75 cts.

LAFAYETTE (Dessert 1904).—Very large, compact, flat, rose type. Light violet-rose, washed white. Very fragrant. Medium height. Extra good variety. Midseason. Each, \$3.50.

L'INDISPENSABLE.—A variety of unknown French origin and greatly confused with Eugene Verdier. Lilac-white shading to pale violet-rose toward the centre. Rose type. Late midseason. Each, \$1.00.

LA TENDRESSE (Crousse 1896).—Large, compact, flat rose type. Uniform milk-white guards slightly splashed and centre flecked with crimson. Fragrance extra. Tall, strong, very free bloomer. Early. Extra good. Each, \$1.50.

LIVINGSTONE.—Fine variety for cut flowers. Full, imbricated bloom. Color pale lilac-rose with sheen of silver; central petals flecked carmine. Rose type. Late. Each, \$1.00.

LOUIS VAN HOUTTE.—Very fine shapely bloom. Color bright violaceous red. Semi-rose type. Late. Each, 50 cts.

MADAME CALOT.—Flesh white, tinged pale hydrangea pink, centre shaded slightly darker with a sulphur tint; very large, full, globular bloom. Fragrant. Early and abundant bloomer. Each, 75 cts.

MADAME BARILLET DESCHAMPS.—Large, flat, imbricated flower with very wide petals. Color clear violet-rose fading to a delicate silvery pink when exposed to the sun. Semi-rose type. Early midseason. Fragrant. Extra good. Each, \$1.00.

MADAME BUCQUET.—Large, loose, semi-rose type. Uniform, very dark crimson amaranth. Very attractive, brilliant variety. Each, 75 cts.

MADAME CALOT.—Syn.: Roem van Boskoop. One of the very best varieties for cut flowers. Highly recommended for the quantity of flowers of delicious perfume it produces. Hydrangea-pink, centre slightly darker with a somewhat sulphur tint in the collar. Rose type. Early. Each, \$1.00.

MADAME CROUSSE.—One of the best whites. Pure white, centre flecked crimson. Free bloomer. Crown type. Midseason. Each, \$1.00.

MADAME DE VERNEVILLE.—A most charming variety. Guard petals are pure white centre blush when first open fading to pure white; prominent carmine flecks. Bomb type. Early. Each, 75 cts.

MADAME DUCEL.—Wonderfully built flower. Broad guard petals, centre bomb-shaped. The whole flower has a solid color of silvery lilac-pink or mauve-rose. Midseason. Each, 75 cts.

MADAME EMILE LEMOINE.—Enormous buds opening into large imbricated flowers of glossy white color overlaid with a sheen of tender satiny-pink. Semi-rose type. Midseason. Each \$2.00.

MADAME EMILE GALLE.—Double, cup-shaped, imbricated flowers. Color delicate sea-shell pink with shades of heliotrope and lavender. A grand Peony. Rose type. Midseason. Each, \$1.00.

MADMOISELLE LEONIE CALOT.—Large, typical rose type. Very delicate rose-white, centre deeper shading, slight carmine tips. Fine form, medium height. A delicately beautiful color combination. Very distinct. Late midseason. Each, \$1.00.

MARIE DEROUX (Crousse 1881).—Large, compact, imbricated blooms of flesh-pink bordered milk-white. Rose type, late. Each, \$2.00.

MARIE JACQUIN.—Rose-white fading to lilac-white; wide, incurved petals with a great wealth of golden yellow stamens in the centre. Semi-double type; mid-season. Each, \$1.00.

MARIE LEMOINE.—Enormous, massive flowers. Color pure white with creamy-white centre, and an occasional carmine tip on the edge of some petals. Rose type. Very late. Extra good commercial variety. Each, \$1.00.

MARECHAL VAILLANT.—Immense globes of light red with shades of mauve. Rose type. Very late. Very good. Each, 75 cts.

MARGUERITE GERARD.—Enormous flat-shaped flowers. Color hydrangea-pink changing as the flower ages to creamy-white; central petals minutely flecked dark carmine. Semi-rose type. Late. Extra good. Each, \$1.50.

MODESTE GUERIN.—Color a uniform light solferino-red. Large, compact, bomb-type. Midseason. Extra good variety. Each, \$1.00.

MONSIEUR CHARLES LEVEQUE.—Syn.: Mademoiselle Leonie Calot.

MONSIEUR JULES ELIE.—Considered the King of all Peonies. Immense, globular, very full flowers. Color an ideal glossy lilac-pink, shading to deeper rose at the base, the entire flower overlaid with a sheen of silver. Bomb type. Midseason. Each, \$1.50.

MONSIEUR MARTIN CAHUZAC.—A perfect, solid ball of deep maroon with garnet hues and brilliant black luster. Considered the darkest Peony in existence. Semi-rose type. Midseason. A very distinct and handsome variety. Each, \$5.00.

MONSIEUR HYPOLYTE DELLILE.—Very large, compact, flat, rose type. Uniform pale lilac-rose, lighter in the centre, silvery tipped. Fragrant. Medium height. Late. A very attractive bloom. Each, 75 cts.

REINE HORTENSE.—Uniform hydrangea-pink color minutely splashed on a white background; centre prominently flecked crimson. Semi-rose type; midseason; fragrant. Each, \$2.50.

SARAH BERNHARDT.—Rose type, large informal flower with violet-rose guards and amber-white centre. Very strong, free and early. An ideal flower for both cut flower and landscape. Fragrant. Each, \$4.00.

SIMONNE CHEVALIER.—Large, medium, compact crown. Pale lilac-rose, slight collar cream-white. Fragrant. Habit medium. Early. Each, \$2.00.

SOUVENIR DE L'EXPOSITION DE BORDEAUX.—Bluish violet-red that does not fade. Globular bomb type. Midseason. Each, \$1.00.

SOUVENIR DE L'EXHIBITION UNIVERSELLE.—Very large full flower, rich, clear, brilliant pink with silvery reflex. Good, prolific bloomer. This is perhaps the clearest bright pink of all Peonies without a suggestion of purple. Late. Each, 75c.

SOLFATARE.—Guard petals pure white, centre petals narrow, sulphur yellow. Large, full, fragrant flower on good stems. Exquisitely beautiful. The nearest approach to a yellow Peony. Each, 75 cts.

MIXED PEONIES AND PEONIES TO COLOR

WITHOUT NAME

We offer these only in strong 3 to 5 crown divided roots at 35 cts. each; doz., \$3.50. Double White, Double Pink, Double Red and Double Mixed Colours.

PEONIA OFFICINALIS

This type is the real old-fashioned "Peony" and comes into bloom from ten days to two weeks ahead of the other herbaceous sorts. All are strong growers, with large full, double, fragrant flowers.

MUTABILIS ALBA.—Bluish-white. **ROSEA.**—Bright rose-pink. **RUBRA.**—Brilliant glowing deep crimson. Each, 75c.

PEONY TENUIFOLIA FL. PL.—An early double Peony with deep scarlet flowers, and graceful finely cut foliage. Each, 75 cts.

SINGLE PEONIES

ROSY DAWN.—Very vigorous plant with dark green leaves and spreading habit; flowers a little flushed but changing to a pure white; yellow stamens. Each, 75 cts.

QUEEN OF MAY.—Clear violet-rose. Each, 75 cts.

THE MOOR.—Dark crimson. Each, 75 cts.

JAPANESE PEONIES

A new race of Peonies that offer us unusual flowers of rare beauty. They are quite distinctive in form and coloring. Intermediate between the single and double type, and distinguished by them, stamens being transformed into narrow petaloides. Each, \$1.00.

A complete list of New and rare varieties will be printed first of September, and will be mailed to those interested.

Physostegia—(False Dragon-Head).—One of the most beautiful of our midsummer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. **P. VIRGINICA.**—Bright but soft pink. **ALBA.**—Pure white, very fine. Each, 25 cts.; doz., \$2.50; 100, \$15.00.

New Pentstemon Barbatus "Coral Gem."—A decided improvement on Barbatus Torreyi, the plant is of more compact habit, not exceeding 2½ feet in height, with flowers arranged in much denser and showier spikes. These are produced freely from June to August, and are of a most pleasing shade of coral-pink, an acquisition which we take pleasure in recommending. Strong plants. Each, 50 cts.; doz., \$5.00.

Platycodon.—(Balloon Flower or Japanese Bell Flower).—The Platycodons are closely allied to the Campanula and form neat, branched bushes of upright habit, 2 to 2½ feet high, producing their attractive blue or white flowers from July to October, deservedly one of the most popular hardy plants.

P. GRANDIFLORUM.—Deep blue cupped, star-shaped flowers.

P. ALBUM.—A white-flowered form of the above. Each, 25 cts.; doz., \$2.50.

Polemonium Richardsonii.—Large heads of lovely sky-blue flowers, with golden yellow anthers; fragrant odor like that of ripened grapes and are fine for cutting. May and June. 2 feet. Each, 25 cts.; doz., \$2.50.

P. ALBUM.—White variety of above. Each, 25 cts.; doz., \$2.50.

Poppies, Oriental.—(Papaver).—The most gorgeous family of hardy border plants in cultivation, most easily cultivated in any border or shrubbery. Mixed varieties. Each, 30 cts.; doz., \$3.00.

POPPY ICELAND.—Different colors, from May to October, 9 to 15 inches. Each, 30 cts.; doz., \$3.00.

Polygonum Cuspidatum.—(Giant Knot-weed).—A tall-growing species attaining a height of from 5 to 7 feet, and producing during August and September long drooping clusters of white flowers at the axil of each leaf along the upper half of the stem; a striking plant for the shrubbery or as an isolated specimen. Each, 40 cts.; doz., \$4.00.

Pyrethrum Hybridum.—Too much cannot be said in favor of this grand hardy perennial, which will thrive in any good garden soil where there is good drainage and full exposure to the sun. Splendid for cutting, lasting a week in good condition. Their main season of blooming is in June, but if the first crop of flower stems is removed as soon as finished, they will give a fair sprinkling of flowers during the summer and autumn months. In choicest mixture. Each, 30 cts.; doz., \$2.50.

Rudbeckia Newmanii.—Dark orange yellow flowers, with deep purple cone, borne on stiff, wiry stems, 3 feet high, admirably fitting for cutting. Flowers July to early August. Each, 25 cts.; doz., \$2.50.

R. PURPUREA (Giant Purple Cone-flower).—Flowers about 4 inches across, of a peculiar reddish-purple, with a remarkably large, cone-shaped centre of brown; forms bushy plants from 2 to 3 feet high, and blooms from July to October. Each, 25 cts.; doz., \$2.50.

Salvia Azurea Grandiflora.—A Rocky Mountain species. Slender spikes of pale blue flowers in great abundance during August and September. 3 feet. Each, 25 cts.; doz., \$2.50.

Scabiosa Caucasica.—(Blue Bonnet).—A soft and charming shade of lavender, and commences to bloom in June, throwing stems 18 to 24 inches high until September. Each, 50 cts.; doz., \$5.00.
S. JAPONICA.—Lavender-blue flowers, from July to September; 2 feet. Each, 30 cts.; doz., \$2.50.

Senecio Clivorum.—Enormous round leaves and pure orange flowers, borne on stems 4 feet high. Especially suited for planting in low moist ground. Each, 50 cts.

S. VEITCHIANUS.—Bright yellow flowers, borne on tall stems, rise from the wide-spreading tuft of large cordate leaves. 4 to 5 feet. Each, 50 cts.

Sedum Spectabile.—One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light-green foliage, and immense heads of handsome showy rose-colored flowers; indispensable as a late fall-blooming plant. Each, 30 cts.; doz., \$3.00.
S. "BRILLIANT."—A rich colored form of the preceding, being a bright amaranth-red.

Spirea Aruncus Kneiffi.—A new variety with finely cut fern-like foliage, and great sprays of silvery-white flowers in June. 3 to 4 feet. Each, 40 cts.; doz., \$4.00.

Spirea Filipendula.—A very beautiful plant with fern-like foliage and producing trusses of white flowers, 15 inches high. Good for front row in hardy border or hedging. June and July. Each, 35 cts.; doz., \$3.50.

S. FILIPENDULA FLORE PLENA.—Identical to the above, excepting that the flowers are double. Each, 35 cts.; doz., \$3.50

Statice Latifolia.—(Sea Lavender).—A most valuable plant either for the border or rockery, with tufts of leathery leaves and immense candlebra-like heads, frequently 1½ feet high and 2 feet across, of purplish-blue minute flowers during July and August; these, if cut and dried, last in perfect condition for months. Each, 30 cts.; doz., \$3.00.

Stokesia Cyanea.—Cornflower Aster. Deep lavender-blue flowers. 4 inches in diameter, borne on erect leafy stems 1 to 2 feet high. Very free bloomer of the easiest culture. Each, 25 cts.; doz., \$2.50.
S. ALBA.—A new white form. Each, 25 cts.; doz., \$2.50.

Stachys Lanata.—The blooms are striped, in whorl; leaves thick, soft and woody. A fine border plant. June and July. Each, 30 cts.; doz., \$3.00.

Sidalcea Rose Queen.—This magnificent plant was raised in Ireand at the famous Newry Nurseries and supercedes all others on the market. Grows 6 feet in height and produces a sheath of erect stems, clothed with rich rose flowers. It well merits the raiser's description as being one of the finest hardy plants raised. Each, 35 cts.; doz., \$3.50.

Sweet William.—A well-known, attractive free-flowering hardy perennial, producing in midsummer a splendid effect in beds and borders with their rich and varied flowers. We can supply the following all grown from our own select strain of seed.

NEWPORT PINK.—Richs almon-rose. Each, 25 cts.; doz., \$2.50

DOUBLE WHITE.—Very large. Each, 25 cts.; doz., \$2.50

SCARLET BEAUTY.—Effective color. Each, 25c.; doz., \$2.50.

Tanacetum.—(Tansy; Bible Leaf).—They are odorous plants with variously cut leaves, and pretty little flowers, thriving in any situation and of the easiest culture. The leaves were formerly used as bookmarks because of their fragrance, and hence the popular name Bible Leaf.

T. VULGARE (Tansy).—Golden-yellow flowers and beautiful sprays of fern-like foliage. 2 feet. Each 25 cts.; doz., \$2.50.

Thalictrum—(Meadow Rue).—Very graceful pretty-flowered plants, with finely cut foliage; great favorites for planting in the hardy border; the dwarfier varieties also being effective and useful in the rockery.

T. AQUILEGIFOLIUM ATROPURPUREUM.—Elegant graceful foliage and masses of rosy-purple flowers; May to July; 2 to 3 feet. Each, 30 cts.; doz., \$3.00.

T. AQUILEGIFOLIUM ALBUM.—Pure white flowers. Each, 30 cts.; doz., \$3.00.

T. GLAUCUM.—Fine-cut foliage; bronzy-yellow flowers in June; 2 feet. Each, 30 cts.; doz., \$3.00.

T. ADIANTIFOLIUM.—A fine variety, with white flowers in June or July; foliage resembling the maidenhair fern. 2 feet. Each, 30 cts.; doz., \$3.00.

RARE THALICTRUM DIPTEROCARPUM.—A pretty and distinct species, with flowers of a charming shade of lilac mauve, which are brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high; the dainty flowers are produced in graceful sprays during August and September. Each, 50 cts.; doz., \$5.00.

Tradescantia Virginiana.—Spiderwort. Old garden plant. Known for its long, grass-like leaves and blue or violet flowers. Very pretty and fine for cutting. 2 feet. May to August. Each, 30 cts.; doz., \$3.00.

T. ALBA.—White flowers. 2 feet. May to August. Each, 30 cts.; doz., \$3.00.

Trillium—(Grandiflorum).—Excellent plants for shady positions in the hardy border, or in a sub-aquatic position. Large pure white flowers changing to rose color in early spring; 12 to 18 inches. Each, 25 cts.; doz., \$2.00.

Trollius Europaeus.—Common Globe Flower. Stems 6 to 20 inches high, bearing pale yellow flowers an inch or more wide. A very interesting plant with handsome flowers; June to August. Each, 40 cts.; doz., \$4.00.

Tunica Saxifraga.—A pretty tufted plant with light pink flowers; produced all summer; useful either for the rockery or the border. 25 cts. each; doz. \$2.50

Valeriana Officinalis Alva.—The old-fashioned garden Heliotrope, with white flowers and heliotrope fragrance. June and July. 4 feet. Each, 25 cts.; doz., \$2.50.

Veronica Longifolia Subsessilis.—Is destined to create as much favor in the flower world as did the Golden Glow. It is the handsomest blue-flowered plant we know of, growing to a height of 2 feet and completely studded with its spikes of dark blue flowers. Its flowers are fine for cutting. It is perfectly hardy and increases in strength and in beauty each succeeding year. It makes the best blue-flowered hardy border plant obtainable. Late summer and fall. Each, 50 cts.; doz., \$5.00.

V. SPICATA.—An elegant border-plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July. Each, 25 cts.; doz., \$2.50.

Verbascum Nigrum.—(Mullein).—Handsome, bright yellow flowers in June. Plant 2 feet high and very stately; most effective in border. Western Asia. Each, 35 cts.; doz., \$3.50.

V. MISS WILLMOTT.—A fine novelty, flowers white. Each, 35 cts.; doz., \$3.50.

Vinca Minor.—(Periwinkle, or Trailing Myrtle).—An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. Each, 15 cts.; doz., \$1.50.

Yucca Filamentosa—(Adam's Needle).—Among hardy ornamental foliage and flowering plants, this can be classed at the head of the list. Its broad sword-like foliage and 5 to 6 feet tall branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. Each, 50 cts.; doz., \$5.00.

SPECIAL OFFER

50 Perennial Plants in 10 of the most popular varieties, as listed below:—

- | | |
|---------------------------|----------------------------|
| 5 Achillea Perry's White | 5 Iris Siberica |
| 5 Aquilegia D. & F. Mixed | 5 Veronica Spicata |
| 5 Coreopsis Grandiflora | 5 Polemonium |
| 5 Hemerocallis Mixed | 5 Physostegia |
| 5 Iris Japanese | 5 Delphinium Hybrids Mixed |

Price, \$7.50; Value, \$12.75.

SELECT LIST OF HARDY CLIMBING PLANTS

The wonderful grace and beauty of well-placed vines add untold value and charm to the home and garden. The enchanting pergola, shady arbor and veranda, or clinging wall-covering gives that soft artistic effect that no other treatment can produce. We offer a comprehensive collection of the hardiest and best vines—those that have real merit and sterling worth in our severe climate.

ACTINIDIA

Actinidia Arguta.—A strong-growing Japanese vine, with rather large leaves; flowers white with purple centre; fruit is round, edible and has fine flavor; handsome foliage. Large three-year-old plants. Each, 75 cts.

AMPELOPSIS, Woodbine

Ampelopsis Quinquefolia.—Common Woodbine, or Virginia Creeper).—A vigorous high-climbing vine of rapid growth; foliage rich crimson in autumn; valuable for wall-covering. Large three-year-old plants. Each, 60 cts.; doz., \$5.00.

A. Englemanni.—Similar to ampelopsis quinquefolia and equally hardy, but clings to wood, stone or brick in the same manner as the Boston Ivy. The leaves are fine and form a dense body of foliage. Large three-year-old plants. Each, 75 cts.; doz., \$6.00.

A. Veitchii.—(Japan or Boston Ivy).—A hardy and very useful climber; clinging firmly and covering walls densely; the glossy foliage stands smoke and dust well and turns to a brilliant orange and scarlet in the fall; probably the favorite of all hardy vines in cities. Large three-year-old plants. Each, 75 cts.; doz., \$7.00.

ARISTOLOCHIA

Aristolochia Sipo.—(Dutchman's Pipe).—A native species of climbing habit and rapid growth; magnificent, very large, green foliage; brownish pipe-shaped flowers. Desirable for screening purposes. Each, 75 cts.; to \$1.50.

BIGNONIA

Radicans.—(Trumpet Vine).—For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size. Dark red, orange throat, free-blooming and very hardy. Large three-year-old plants. Each, 75 cts.; doz., \$5.00.

CELASTRUS, (Bittersweet)

C. Scandens.—A native climber, with glossy leaves; fruit orange and crimson, in clusters, and hanging on the vine all winter. Large three-year-old plants. Each, 75 cts.; doz., \$6.00.

CLEMATIS, Virgin's Bower

C. Paniculata.—Flowers are medium size, pure white and fragrant. It is perfectly hardy and finely adapted for covering trellises or fences. The flowers expand toward the close of August. It is one of the most desirable and useful of vines. Large three-year-old plants. Each 75 cts.; doz., \$6.00.

C. Virginiana.—(American White Clematis).—A native of rapid growth. Produces white flowers in August, followed by feathery white seeds, which are quite decorative in winter. Large three-year-old plants. Each, 75 cts.; doz., \$6.00.

HYBRID LARGE FLOWERING

CLEMATIS

Clematis Duchess of Edinburgh.—

Flowers are double white and sweet-scented. Large three-year-old plants. Each, \$1.00; doz., \$9.00.

C. Henryi.—A robust plant, free bloomer. Creamy, white large, handsome flowers. Large three-year-old plants. Each, \$1.00; doz., \$9.00.

C. Jackmani.—Flowers broad, velvety purple, with ribbed bar down the centre. Very popular. Large three-year old plants. Each, \$1.00; doz., \$9.00.

C. Ville de Lyon.—Large bright red flowers. Large three-year-old plants. Each, \$1.00; doz., \$9.00.

EUONYMUS Radicans.

Japanese evergreen trailer with dark, glossy green, dense foliage. A moderate climber, particularly desirable for clothing the foundations of houses and rockwork. This plant has been found most satisfactory for edges and miniature hedges in formal gardens, being much more hardy than Boxwood. Large three-year-old plants. Each, 75 cts.; doz., \$6.00.

LONICERA, Honeysuckle

Lonicera Japonica.—(Evergreen Honeysuckle). Very fragrant yellow and cream-colored flowers; foliage dark, almost evergreen. Large three-year-old plants. Each, 75 cts.; doz., \$8.00.



Clematis Paniculata

L. Sempervirens.—(Scarlet Trumpet Honeysuckle). One of the best varieties; deep crimson flowers, borne profusely at intervals during the summer. Flowers are followed by scarlet berries. Large three-year-old plants. Each, 75 cts.; doz., \$8.00.

L. Aurea Reticulata.—(Golden Honeysuckle).—Foliage handsomely mottled with gold. Large three-year-old plants. Each, 75 cts.; doz., \$8.00.

LATHYRUS Hardy Everlasting Pea

One of the best and most desirable flowering hardy climbing plants, attractive both in flower and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

LATIFOLIUS.—Deep rosy-red. 50 cts. each; \$4.00 per doz.
ALBUS.—Pure white, 50 cts. each; \$4.00 per doz.



SMITH'S HAND SEEDER

The handiest Tool in a Gardener's Outfit. Sows Seed Regularly. Saves Thinning out. Each, \$1.00

ROSES FOR THE GARDEN

The varieties we offer are two-year old, field-grown, low budded plants, and if planted as directed will produce the finest flowers the first year.

PLANTING.—The ideal time to plant Roses is in the spring, just as soon as the ground can be worked and after danger from frost is past. All budded or grafted Roses should be planted deeply so that the junction "B" (see cut) of stock and scion will be at least three inches below the surface of ground "A." If this is done, there will be little danger of "suckering," which is the only objection offered against budded Roses. They are more vigorous, produce finer flowers, bear sooner and are just as hardy and are even more permanent than own root plants. An open sunny position sheltered from north winds is desirable. Roses will grow in any good, well-drained garden soil. To get the best results in quantity and quality of bloom, the bed should be prepared in the autumn; dig it to a depth of two to three feet, filling in with a mixture of sod from an old pasture and well rotted cow manure. For Hybrid Perpetuals, use a sod from clay loam and for Hybrid Teas a somewhat lighter soil is preferable. Hybrid Tea varieties can be set 18 inches apart and Hybrid Perpetuals 2 feet apart. Be sure and tread the soil firmly about the roots, and give a thorough watering if the soil is dry. Keep the soil cultivated during the summer months; if this is done weekly, watering is all that will be necessary.

PRUNING.—Start pruning in early spring, beginning with Hybrid Perpetuals. Remove two-year-old wood and prune down the previous season's growth at least one-half. Cut back weak growth severely. All canes should be cut off about a quarter of an inch above an outside bud. Hybrid Tea are better not pruned till they first start growth. Dead or unhealthy wood is readily detected and can be cut away. They do not need as severe pruning as Hybrid Perpetuals. Climbing or Rambler Roses require no pruning beyond cutting out the very old or dead wood, or to make the growth conform to the space to be covered.

WINTER PROTECTION.—The Hybrid Perpetual and Hybrid Tea roses need winter protection nearly everywhere in Canada. One of the best methods is to heap up the soil about the base of the plants to a height of twelve to fifteen inches, and then bend the tips of the canes over and have them held down with soil. If available, some evergreen boughs thrown over the canes will help to protect them. On the prairies the whole bush should be protected with soil.

DISEASES.—We advise sprayings with Aphine in the spring while the plants are still in a dormant state; this will protect them from the scale. Use Aphine for green and black fly during growing season. Dry Bordeaux mixture may be used for mildew and all other fungus diseases.



HYBRID PERPETUAL ROSES

American Beauty.—It is hardly necessary to describe this well-known beautiful rose, but we recommend planting this variety in a well-sheltered location.

Captain Christy.—Delicate flesh-tinted white; a large, full flower of good form; very free-flowering.

Fisher Holmes.—Vigorous, crimson scarlet; large and full; free bloomer, good for all purposes.

General Jacqueminot.—A celebrated and much sought for variety; shapely buds and handsome blooms of bright, shining crimson, rich, brilliant, velvety and fragrant.

Hugh Dickson.—Brilliant crimson, shaded scarlet; very large and beautiful in form, with large, smooth petals, slightly reflexed on the edges. A vigorous grower, with handsome foliage; very fragrant.

Frau Karl Druschki.—(The White American Beauty or Snow Queen).—An everywhere hardy, vigorous grower, with bright green leaves, delicately veined; splendid long buds and magnificent snow-white blooms with large saucer-shaped petals. Rightly named and deservedly a prize winner.

Magna Charta.—Extra large, full flowers of unusual depth; sweet and of fine form; bright rosy-pink in colour; one of the hardiest and best bloomers.

Margaret Dickson.—Pure waxy-white flowers of magnificent form and size, with large bell-shaped petals and pale flesh centre; produced singly on long, stiff stems; vigorous and absolutely hardy.

Mistress John Laing.—A beauty in clear, bright, shining pink; each bud in its long, serrated calyx with adjacent green foliage, forms a dainty and lovely boutonniere; immense, full blooms on long, stiff stems; sweetly scented.

Madame Plantier.—A very fine old rose which is well worth growing. Color creamy white, turning to pure white as the flower expands. Blooms of medium size, full. Exceedingly free flowering, and a very strong grower.

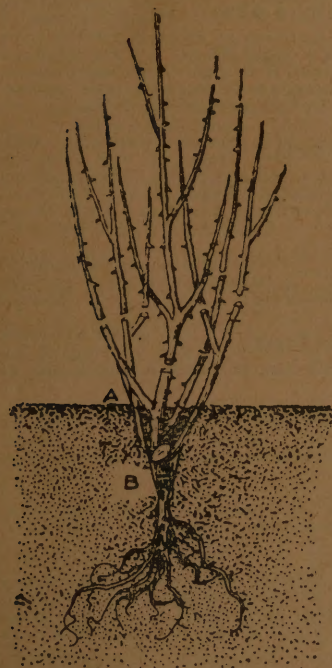
Mrs. R. G. Sharman Crawford.—Deep rosy-pink; outer petals shaded with pale flesh; one of the freest bloomers and a beautiful rose in every respect.

Ulrich Brunner.—Brilliant cherry red flowers of immense size and bold globular form. Seedling of Paul Neyron, strong and disease-resisting.

Paul Neyron.—The largest of all Rose blooms; bright, dark rose, clear and beautiful; very double and full; finely scented; blooms all summer. Grows to a great height in a single season and stems are almost thornless.

Pierre Camille de Rohan.—Universally known as "The Black Rose," owing to its very deep, velvety-crimson colour, passing to intense maroon, and shaded black; large, handsome and fragrant blooms.

Price: Any of the above in strong two-year-old plants, 50 cts., each; \$5.50 per doz. Special quotation on larger quantities.



How Roses should be planted and pruned

Select List of Hybrid Tea Roses

PERNET-DUCHER'S NEW YELLOW HYBRID-TEA ROSE

In this new variety we undoubtedly have one of Mr. Pernet-Ducher's masterpieces. We are indebted to this veteran French Rose specialist for so many of our important varieties and the fact that Mr. Pernet-Ducher has selected this variety to name in memory of his son Claudius, who gave his life in the World's War, is ample evidence of his own estimate of this great Rose.

We give below Mr. Pernet-Ducher's own description, all of which we can indorse from our own observations during the past season.

"A most vigorous grower of erect branching habit, beautiful, brilliant green foliage, few thorns, long pointed buds of exquisite shape, carried on long stiff stems. Very large flowers with elongated deep petals, a beautifully formed bloom. Color most striking sunflower-yellow, deeper in the centre, without any color blending, and which is retained without fading even in the warmest weather."

It was awarded Gold Medal at the Bagatelle Garden trails in 1920, and in the same year also received the Gold Medals at the Rose Show in Paris and at Antwerp.

Each \$1.00.

UNA WALLACE (NEW) This Rose created quite a sensation at the National Rose Society's Autumn Show. The colour is what we would call an art colour, quite distinct from any other rose, and for effective decorative work, it has no equal. It is a beautiful soft even toned cherry rose without shading. In depth, formation and substance it is faultless, every bloom coming perfect, and quite full on a fine long wiry stem. Its foliage is bold, handsome, quite in keeping with such a charming flower. It is one of the freest growers among Hybrid Teas. Once seen will be wanted by every lover of roses. Sweetly perfumed. Awarded the Gold Medal of the National Rose Society. Each \$1.00.

CHRISTINE (NEW) Colour—the deepest and clearest golden yellow yet seen in roses. Perfectly faultless in shape and form, with petals of wonderful texture and substance. The colour is so bright that it sparkles with glistening intensity, which it retains until the petals drop; every bloom comes perfect and no other roses can compare with it in its continuous free blooming habit throughout the whole season.

A super-variety for massing and cutting. Each 80cts.

MRS. ARTHUR JOHNSON (NEW).—

The blooms are of good form, and large size and fine substance, sweetly scented. The colour is richest orange-yellow, shading to deep chrome-yellow. It holds its flowers perfectly upright and is splendid free grower and bloomer, with attractive bronze-green foliage. The wonderful colour in this rose will be appreciated by all lovers of roses. A grand garden and bedding variety. Awarded Card of Commendation, N. R. S. Each, 80 cts.

MRS. HENRY MORSE (NEW).—

The most wonderful colouring, perfect shape and form, together with marvellous freedom of blooming and habit of growth, a combination ideal of perfection in a rose rising from a groundwork of soft flesh cream. The whole flower has a clear sheen of bright rose, deeply impregnated and washed with vermilion, with clear vermilion veining on petals, which are really wonderful for depth, size, and substance, the largest and most pointed of all roses. A superb exhibition bloom and a gem for bedding, massing, cut flower and all decorative work. Sweetly scented. Gold medal of the National Rose Society. Each 80c

Ruhm Von Steinfurth (New).—"The Red Druschki".

Of strong upright growth, very floriferous; each stem carries a flower. Long and noble bud, flowers large and full, color delightful cherry red, not unlike, ULRIC BRUNNER, and does not fade. Foliage dark green. A magnificent garden rose and splendid specimen flower. Each 80 cts.

Duchess of Wellington.—Saffron-yellow changing to coppery-yellow blooms full and of great substance. Very free and fragrant. Each, 50 cts.; doz., \$5.00.

General McArthur.—bright scarlet-red; exceedingly free, fragrant, and mildew proof; deservedly one of the most popular bedding roses.

George C. Waud.—Cochineal-carmine, tinted with orangescarlet, most distinct, vigorous and sweet; one of the best and most valuable varieties.

George Dickson.—Velvety black crimson, veined with crimson maroon; chiefly an exhibitor's variety.

Gruss an Teplitz.—Hardy in all sections; grows freely to a height of four to five feet; vivid, dazzling, fiery crimson; sweetly fragrant; produces a mass of gorgeous blooms on long stems.

Hadley.—A dark crimson of American origin, with vigorous growth; for bedding and growing under glass. An undoubted improvement of the Richmond Class.

J. B. Clark.—deep scarlet, shaded blackish crimson good as a pillar rose and for pegging down.

Kaiserin Augusta Victoria.—Lemon-white, vigorous and tree. Each 60 cts.; doz. \$6.00. of good form;

Killarney (D).—1898, deep clear pink, suffused with pale pink; free and perpetual, but rather given to mildew.

Jonkheer J. L. Mock.—Carmine, changing to imperial pink. Blooms are large and highly perfumed.

General Superior Arnold Janssen.—

This Holland introduction, after two seasons' trial, has shown up most satisfactory; in colour an effective deep glowing carmine; with long, fine-formed buds, the open flowers full and sweet; a splendid long-stemmed cut flower.

Lady Ashtown.—Very pale solid carmine pink, shading to yellow at base of petals; large, full, and pointed; excellent for any purpose. Each 60 cts. doz., \$5.00.

La France.—beautiful bright silvery-rose, with pale lilac shading, full and fine form; one of the sweetest scented roses.

Laurent Carle.—brilliant velvety carmine, with long buds borne on long stems, opening into large flowers of perfect form and fullness. An extremely vigorous grower of erect branching habit with splendid dark green foliage.

Madame Abel Chatenay.—Rose, shaded salmon, base of petals rather deeper. It is still difficult to suggest a better all-round variety for bedding, cutting, or forcing.

Madame E. Herriot.—(Daily Mail" Rose), vivid terra-cotta, passing to strawberry-rose. There is little more to attain in a decorative rose than is possessed by this charming variety, and it should be included in every collection even of the smallest description.

Mevrouw Dora Van Tets.—Was awarded the Grand Prize, a Gold Medal, at the Bagatelle Gardens in Paris in 1914 for the best foreign Rose shown, also a Gold Medal by the Holland National Rose Society. In colour, it is a glowing, deep crimson with velvety shadings; the flowers are of medium size, moderately full; of robust, vigorous growth, and always in bloom.

Mrs. Charles Russell.—large globular, well-formed, full double-flowers of a rosy-carmine with rosy-scarlet centre; it is of strong sturdy branching habit, with splendid foliage and very free flowering; one of the most popular cut-flower varieties. Each 60 cts doz., \$6.00.

Mrs. Aaron Ward.—Indian yellow, tinted salmon; a little variable, but is very good at its best, and is a good bedder.

Mme. Caroline Testout.—the petals are large and of elegant La France form; the color is satiny-rose shading to silvery-rose at the edge of the petals.

Sunburst.—superb cadmium yellow with yellow orange centre, very variable in colour. Large, full, of elongated cup form. One of the best in the hardy ever-blooming sorts.

Killarney.—flesh, shaded white, suffused pale pink, long pointed buds opening to large flowers; petals of great substance.

White Killarney.—a pure white sport of the popular Killarney Rose, identical in every way with its parent, excepting in color, which is a pure white. We can supply grafted stock of this variety, but it does not do so well as on own root.

PRICE.—Strong two-year-old plants of any of the above except where noted, 50 cts each; \$5.00 per doz.; Special quotations on larger quantities.

HARDY ROSES—Continued

New Dwarf Bedding Roses or Baby Ramblers

A type of Roses which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems.

George Elger.—Coppery golden-yellow before fully expanded, opening up a pale yellow particularly handsome in the bud state.

Mrs. Wm. H. Cutbush.—A beautiful cherry pink and very free flowering. Strong two-year.

Orleans.—One of the best; flowers of large size of brilliant geranium-red, becoming suffused with rose as the flowers mature, and large white centre; a very pretty color combination.

Jeanne d'Arc.—Pure white; large trusses of well-formed flowers.

Crimson Baby Rambler.—(Mme Norbert Levasseur).—Crimson flowers similar to the popular Climbing Crimson Rambler.

PRICE: Any of the above, strong two-year-old plants, 50 cts each; \$5.00 per doz.

Rugosa Roses

For massing or hedge planting, the Rugosas cannot be excelled.

Rosa Rugosa.—An upright shrub attaining 5 to 6 feet in height; foliage shining dark green, not attacked by insects; flowers single, red, fragrant and produced freely from June to December; fruit bright crimson. Each, 50 cts.; doz., \$5.00.

R. Alba.—The habit and foliage are similar to the above, but the flowers are pure white; fragrant. Each, 50 cts.; doz., \$5.00.

BOTANICAL ROSE

Rosa Rubrifolia.—(Red Leaved Rose) Quite unique and conspicuous for its high-colored reddish purple branches and leaves, retained throughout all summer. Flowers single pink. Excellent for planting in shrubberies, as they make large bushes, and the beautiful colored foliage is very attractive. Requires no pruning, except to cut out any dead wood. 75 cts. each, doz. \$7.00.

Moss Roses

The beauty of the Moss Rose consists in the delicate mossy covering which surrounds the buds, and gives the opening flowers an unique appearance. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

PRICE: each 50 cts.; doz., \$5.00.

Blanche Moreau.—Flowers pure white; large and full; buds very beautiful. A rampant grower, being almost as vigorous as a climber.

Salet.—A vigorous grower and perpetual bloomer. Light rose; large, full. The best of the class. A true perpetual Moss, blooming at intervals from June to November.

William Lobb.—Flowers bright red; large.

Brier Roses

There seems to be no limit to the demand for these well-known and popular Briers. Besides being deliciously scented, they are perfectly hardy. They should not be pruned, further than removing weak or old wood, but allowed to ramble at will.

Persian Yellow.—Flowers of most striking golden yellow, deeper in the centre, medium size and full, beautifully formed with long elongated deep petals, long pointed bud carried on stiff stem. A vigorous grower. Each 75 cts.; doz. \$6.00.

Common Sweet Brier.—This is the true English Sweet Brier, or Eglantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves. Each, 50 cts.; doz., \$5.00.

Cemetery or Evergreen Roses.

The type of this group of Roses, *Rosa Wichuraiana*, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy, and are recommended for covering graves, hence one of its names, climbing over walls, arbors, stumps of trees, or for trailing over rocks or rough ground, in fact, anywhere where a climbing or trailing Rose can be used. The foliage is of leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants until beginning of winter, making them almost evergreen. Pruning should be done in the same way as recommended for the Hardy Climbing sorts.

Evergreen Gem.—Flowers buff, changing to creamy white, very double, foliage dense, of rich bronzy-green.

Gardenia.—Buds bright yellow, opening double flowers of a cream color; incurring towards evening to the shape and color of a Cape Jessamine, hence its name.

Wichuraiana.—Beautiful fragrant single pure white flowers with yellow stamens followed in fall with bright red hips or berries. Strong two-year-old plants, 75 cts., each; \$6.00 per doz.

HARDY CLIMBING ROSES

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered; but a severe pruning, directly after they have finished flowering, is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

Crimson Rambler.—Needs no description—everybody knows the Rose. Bright crimson flowers borne in immense clusters during June and July. Extra strong plant. Each, 75 cts.

Dorothy Perkins.—A variety of Pink Rambler and rivaling the Crimson Rambler in vigor of growth and freedom of bloom. Countless clusters of double pink flowers of a most beautiful shade. Strong, selected dormant plants. Each, 75 cts.

White Dorothy Perkins.—This new Rose has all the characteristics of its famous parent, except that the flowers are pure white. A splendid acquisition to the Rambler family of Roses. Strong two-year plants. Each, 75 cts.

Flower of Fairfield.—The New-Everblooming Crimson Rambler. One of the numerous recent introductions, this stands foremost as a crimson-flowered Rambler, and the fact that it is a perpetual bloomer makes it exceedingly popular. Flowers bright crimson, more brilliant than the common Crimson Rambler. Strong two-year plants. Each, 75 cts.

Hiawatha.—A single-flowering variety of great beauty in color it is brilliant ruby carmine, with a white eye. Strong, vigorous grower. Each, 75 cts.

GORGEOUS NEW CLIMBING ROSE

Paul's Scarlet climber

This is the most important addition to our list of Climbing Roses, in many years; no other Rose can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching. The flowers are of medium-size, semi-double, very freely produced in clusters on much branched canes, the plants being literally covered with flowers from top to bottom. It is of strong climbing habit and perfectly hardy. Each \$1.00.

American Pillar.—Large, attractive, single brilliant pink with clear white eye and bunch of yellow stamens. Each 75 cts.

Tree-Shaped Roses

The following choice varieties can be supplied in tree-shaped form, on sturdy, hardy stems from 3½ to 4 feet high.

American Pillar.—A lovely shade of pink with clear white eye. Very beautiful.

Crimson Rambler
J. B. Clark
Frau Karl Druschki
Mme Caroline Testout

Gruss an Teplitz
Mrs. John Laing
Kaiserin Augusta Victoria

PRICE: Any of the above Tree Roses, \$1.50.

FLOWERING AND ORNAMENTAL SHRUBS

THIS class of shrubs should be planted more in our home grounds and our gardens, as they make a great attraction and decidedly homelike appearance. A selection of these shrubs will give flowers throughout the season, and have an abundance of foliage which will add greatly to the beauty of your lawn or garden.

The question of when and how to prune shrubs is one that is frequently asked, and as no hard and fast rule can be given, we can but indicate in a general way what should be done.

All Shrubs that blossom before midsummer, such as Deutzias, Forsythias, Lilacs, Philadelphus, Weigelas, etc., produce their flowers on the growth of wood made the previous year. To prune these in fall or spring would be to destroy most of the flowers for that season. These, therefore, should have any necessary pruning done immediately after flowering. Varieties which blossom after midsummer produce their blooms on wood made the same season. This class includes such kinds as Altheas, Hydrangeas, etc., and these should be pruned in early spring. In our judgment, Shrubs are, as a rule, pruned too much; all the pruning, or rather trimming, that is necessary being just enough to keep the plant in nice symmetrical shape; care, of course, being taken to cut out all dead wood, and removing sufficient surplus growth, if any, to admit a free circulation of air and sunshine to all parts of the plant.

Azalea Kaempferi.—**THE JAPANESE AZALEA.**—This charming and wonderfully floriferous Japanese shrub has orange scarlet flowers and is absolutely hardy; one of the very finest of the introductions to our gardens from Japan. They associate well with other shrubs, or can be grouped in masses. They prefer deep leaf mould soil or peat. Each \$1.75

BERBERIS, Thunbergii. **JAPANESE BARBERRY.**—Of dwarf graceful habit and very thorny. This is one of the best plants where a low untrimmed hedge is desired. Brilliant green in summer; glowing colours in autumn; crimson berries in great profusion after leaves fall. Each, 60 cts.; doz. \$6.00.

VULGARIS. COMMON BARBERRY.—A handsome shrub of vigorous habit, yellow flowers in May or June, followed by orange scarlet fruit. Each, 60 cts.; doz. \$6.00.

B. PURPUREA. PURPLE-LEAVED BARBERRY.—An interesting shrub with violet-purple foliage and fruit. Effective in groups and masses, or planted alone. Each, 60 cts.; doz. \$6.00.

CARAGANA, Aborescens. **SIBERIAN PEA SHRUB.**—Grows 10 to 12 feet high and makes a splendid show with its bright green compound leaves and numerous small clusters of yellow flowers; blooms in May and June. 4 to 5 feet, each, 50 cts.; doz., \$4.00. 5 to 6 feet, each, \$1.00.

CORNUS, Alba. **RED BRANCHED DOGWOOD.**—Very conspicuous and ornamental in winter on account of its blood-red bark; does not grow to be a tree. Each, 50 cts.; doz., \$5.00.

C. ELEGANTISSIMA VARIEGATA.—A variegated-leaved species of the red-twigged; the leaves are broadly margined with white and in some cases entirely white. A distinct and beautiful variety. Each, \$1.00; doz., \$9.00.

C. SANGUINEA.—Shrub sometimes 12 feet high, with purple or dark red branches. Native of Europe. 60 cts. each; \$6.00 per doz.

C. SPATHII AUREA.—A handsome plant, having rich golden foliage. \$1.00 each.

CYDONIA JAPONICA (Japan Quince).—One of the most brilliant flowering shrubs covered with dazzling scarlet flowers very early in the spring, before the leaves appear. \$1.00 each.



Hedge of Berberis Thunbergii.

DEUTZIA, Crenata Flore Pleno.—One of the most desirable of the Deutzias, flowers double-tinged with rose. Each, 60 cts.; doz. \$6.00.

D. CANDIDISSIMA.—(Double White Flowering).—One of the finest shrubs, producing snow-white flowers of great beauty, and valuable for bouquets and baskets. 60 cts. each; \$6.00 per doz.

D. LEMOINEI.—A vigorous grower and very desirable; early bloomer; panicles of pure white flowers borne on stout branches. Each, 60 cts.; doz., \$6.00.

D. PRIDE OF ROCHESTER.—A variety raised from Deutzia Crenata Flore Pleno, and producing large double white flowers, the back of the petals being slightly tinged with rose. It excels all of the older sorts in size of flower, length of panicle, profusion of bloom and vigorous habit; blooms nearly a week earlier than Deutzia Crenata Flore Pleno. Each, 60 cts.; doz. \$6.00.

D. GRACILIS.—An exquisitely beautiful white flowering sort dwarf habit — more so than other varieties; blossoms early in June, with Spirea Van Houtte. Each, 60 cts.; doz., \$6.00.

DESMODIUM PENDULIFLORUM.—Covered from August to October with large clusters of rose and purple pea-shaped blossoms. Very effective, when planted in masses in the shrubbery border, and especially valuable as it flowers at a time when so few shrubs are in bloom. It dies to the ground each season, but sends up rapid-growing, vigorous shoots from the base in the spring. 75 cts. each; \$7.00 per doz.

ELEAGNUS LONGIPES (JAPAN OLEASTER).—A handsome, shapely, silvery-leaved shrub, with ornamental red brown bark; hardy and easy to grow; bright yellow flowers in June on long stalks, but the chief beauty of this shrub is in the orange-red fruit which is produced in profusion along the whole length of the branches. Each, 75 cts.; doz., \$7.00.

ELSCHOLZIA Stauntoni.—A desirable and attractive new hardy plant introduced by the Arnold Arboretum. Of upright, shrub-like growth, 4 to 5 feet high, surmounted by long spikes of lilac-rose flowers in September and October. Its foliage has a delightful aromatic fragrance. Each, 75 cts.; doz., \$7.00.



Hydrangea Paniculata Grandiflora (see page 89).

FLOWERING AND ORNAMENTAL SHRUBS—Continued

EUONYMUS EUROPAEUS

(STRAWBERRY TREE).—A very ornamental and showy shrub; its chief beauty consists in its brilliant berries, which hang in clusters from the branches until mid-winter; berries rose-colored; planted with a back-ground of ever-greens the effect of contrast is very fine. Each, 75 cts.; doz., \$7.00.

ENKIANTHUS CAMPANULATUS.—

(BELLFLOWER BUSH).—Very interesting and handsome, deciduous, Asiatic shrub, of upright growth and of elegant form, reaching, after many years, a height of 8 to 10 feet. Flowers are borne in May. The leaves, which are produced in whorls, are highly colored in fall with beautiful tones of red and yellow, very popular and greatly used by Landscape Architects, for the wonderful and conspicuous coloring of its foliage. Each, \$1.50.

FORSYTHIA, Fortunei. FORTUNE'S GOLDEN BELL.

—Growth up-right, foliage dark green. Among the earliest blooming shrubs, glorious yellow flowers appear before the foliage. Sharp pruning shortly after flowering insures good flowering wood the following year. Each, 60 cts.; doz., \$6.00.
F. SUSPENS. —Weeping; resembles Fortunei in bloom, but growth is more pendulous. Each, 60 cts.; doz., \$6.00.
F. VIRIDISSIMA. —A fine variety, with leaves and bark a deep green. Flowers deep yellow, very early in the spring. 60 cts. each; \$6.00 per doz.

HYDRANGEA, Paniculata Grandiflora.

It blooms in great profusion in August and September, bearing immense cone-shaped heads of white flowers, turning to shades of pink. Each, 75 cts.; doz., \$7.00.
H. ARBORESCENS GRANDIFLORA ALBA (Snowball Hydrangea, Hills of Snow).—The blossoms are of the very largest size, of pure white colour. One of its most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs, while its long season of bloom, from early June through August, renders it doubly valuable to every owner of a garden; very hardy. Each, 75 cts.; doz., \$7.00.
STANDARD or TREE-SHAPED, with stems about 3 feet high, \$1.50.

Special prices for larger quantities on application.

LONICERA. BUSH HONEYSUCKLE.—Desirable free-blooming shrubs of erect habit of growth and easiest culture in any common soil. Fragrant flowers and ornamental fruits in a great variety of colours. The upright growing, dense kinds make admirable hedge plants and admit of vigorous pruning.

L. TARTARICA ALBA.—A strong grower, with dark-green foliage and white flowers in May and June, followed by brilliant crimson fruit. Each, 60 cts.; doz., \$6.00.

L. TARTARICA RUBRA.—Similar to the preceding, but with large crimson flowers; fruit crimson. Each, 60 cts.; doz., \$6.00.

L. TARTARICA ROSEA GRANDIFLORA (Pink-flowered Honey-suckle).—A beautiful shrub, very vigorous, and producing large, bright red flowers, striped with white, in June. 60 cts. each; \$6.00 per doz.

L. LEDEBOURI.—A distinct species, with red flowers in May. 60 cts. each; \$6.00 per doz.



Lonicera Tartarica



Philadelphus Grandiflora.

L. MORROWI.—Of spreading form and light green foliage. Small white flowers in spring and bright red berries in the fall. Each, 60 cts.; doz., \$6.00.

MAHONIA AQUIFOLIA.—An evergreen shrub of medium size, with purplish shining, prickly leaves, and showy bright yellow flowers in May. Its handsome deep green, glossy foliage and neat habit, render it very popular for decorative planting. Fine shade plant. Each, 75 cts.

POTENTILLA-FRUTICOSA (SHRUBBY CINQUE-FOIL).—A beautiful bright-flowered little shrub about 3 feet high that thrives in any soil or situation where many others refuse to grow. Of upright growth, with narrow, compound silky foliage and bright-golden yellow flowers from July until frost. Each, 75 cts.; doz., \$7.00.

PHILADELPHUS. (SYRINGA, or MOCK ORANGE).—Excellent ornamental shrubs, most of which are tall, vigorous growers, with large foliage and flowers. Their robust habits make them valuable for screens. They easily adapt themselves to any soil and the flowers are among the best of shrubs to cut for house decoration.

P. CORONARIUS (Common Syringa).—A well-known shrub with pure white, highly scented flowers. One of the firsts to bloom. Each, 60 cts.; doz., \$6.00.

P. FOLIIS AUREIS (Golden-Leaved).—A very pretty plant of medium size with golden yellow foliage. It retains its colour the entire season, and is valuable for creating pleasing and striking contrasts with both green and purple-leaved shrubs. Each, 60 cts.; doz., \$6.00.

P. GRANDIFLORUS (Large Flowered).—A conspicuous, showy kind with large flowers and irregular branches. Will grow to be 10 to 12 feet high if untrimmed. Each, 60 cts.; doz., \$6.00.

P. LEMOINEI (Hybrid Mock Orange or Lemon Scented).—Flowers white and very fragrant, produced early in June. Each, 60 cts.; doz., \$6.00.

PRUNUS, Pissardi. —A handsome little tree; covered with small, white single flowers in spring; the bright purple foliage, constant throughout the season, gives this variety unique value for planting singly or in groups. Each, \$1.00.

P. TRILOBA. (Double Flowering Plum).—A Chinese shrub whose beauty in early spring is difficult to equal. The large, double pink flowers resemble Roses and are crowded along the slender branches, covering them completely. Each, \$1.00.

P. SINENSIS ALBA PLENA. (Dwarf White Almond).—The very double rose-like white flowers fill the branches until they bend beneath the weight of bloom; very early in spring. Each, \$1.00.

P. SINENSIS ROSEA PLENA. (Double Pink Almond).—Similar to the preceding, the flowers being rose-coloured. Each \$1.00.

RHUS COTINUS. (PURPLE FRINGE, or SMOKE TREE).—A low, shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. 75 cts. each.

R. TYPHINA LACINIATA.—A beautiful, fern-leaved variety of the Staghorn Sumac. 75 cts. each; \$7.00 per doz.

FLOWERING AND ORNAMENTAL SHRUBS.—Continued



Spirea Van Houttei.

S. OPULIFOLIA AUREA (Golden Spirea). — One of the best of our yellow-leaved shrubs. Golden yellow all summer. 2½ to 3 feet. Each, 60 cts.; doz., \$5.00.

S. ARGUTA. — Of dwarfish habit; flowers white; one of the best sorts, and the first to flower in early May, following Thunbergii. Each, 60 cts.; doz., \$6.00.

S. THUNBERGII. — Of dwarf, roundish form; slender, graceful, drooping habit; flowers small, white; very early in bloom, being the first of the Spireas; extremely neat and pretty. Each, 60 cts.; doz., \$6.00.

S. VAN HOUTTEI. — One of the most charming and beautiful of the Spireas, having pure white flowers in clusters of panicles about an inch in diameter, astonishingly profuse bloom, and plants remarkably vigorous and hardy. Introduced from France, and there is no more desirable flowering shrub in cultivation. Flowers last of May. Each, 75 cts.; doz., \$7.00.

SYRINGA, LILAC. The improvement in the Lilac during the last five years is marvelous, and lovers of this flower will be delighted with the following four novelties. In size, form and colour, they far surpass the old favourites.

S. EMILE LEMOINE. — Very large; of fine globular form; rosy lilac; beautiful. Each, \$1.50.

S. GEORGE BELLAIR. — Large red; extra fine. Each, \$1.50.

S. PRESIDENT GREVY. — A beautiful blue; individual flowers very double and very large; the panicle is magnificent; one of the finest Lilacs. Each, \$1.50.

S. MME. CASIMIR PERIER. — The finest white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. Each, \$1.50.

S. JAPONICA. — A pyramidal small tree with upright branches, broad foliage and yellowish white flowers in small panicles in June and July. Each, \$1.50.

S. RED PERSIAN. — A beautiful shrub with slender branches and long narrow foliage. The red flowers produced in May and June are extremely fragrant.

S. WHITE PERSIAN. — A fine sort; white flowers, delicately tinted with rose. Each, \$1.50.

S. VULGARIS ALBA. Common White Lilac. — A form of *S. Vulgaris* with same general characteristics and pure white, fragrant flowers. Each, 75 cts.; doz., \$7.00.

S. VULGARIS. Common Lilac. — A strong, vigorous, upright shrub, with rich, dark green foliage and large panicles of fragrant, purplish flowers in May. Each, 75 cts.; doz., \$7.00.

PERSICA, LILAC TREE FORM. — A Fine old variety of dwarf, bushy habit, with very fragrant purple flowers and loose panicles. One of the most desirable species. Blooms in late spring. 5 feet, \$2.25 each.

RIBES AUREUM. (YELLOW FLOWED. RED CURANT). — Attractive bush with shining green leaves and yellow flowers. Each, 60 cts.; doz. \$6.

R. SANGUINEUM (Red or Crimson Flowered Currant). — A native variety with red flowers, which are produced in great profusion in early spring. Each, 60 cts.; doz., \$6.00.

RHAMNUS CATHARTICA. — (BUCKTHORN) — An attractive shrub for mass planting, or lawn, also for hedges, with blackberries. Each, 50 cts.; doz., \$5.00.

ROSA RUBRIFOLIA. (ROSE). — Quite unique and conspicuous for its high-colored reddish purple branches and leaves, retained throughout all summer. Flowers single pink. Excellent for planting in shrubberies, as they make large bushes, and the beautiful colored foliage is very attractive. Requires no pruning, except to cut out any dead wood. 75 cts. each, doz. \$7.00.

SAMBUCUS. CANADENSIS AUREA (Elder). — A handsome bush, with golden foliage, which it retains all summer. Its vigorous growth and freedom from disease make it a desirable and effective shrub. Each, 60 cts.; doz., \$6.00.

S. RACEMOSA PLUMOSA FOLIIS AUREIS (Cut Leaf Golden Elder). — A charming shrub, its chief feature being its bright, attractive, delicately cut foliage, which is retained throughout the summer months. This is one of the best cut leaf shrubs in cultivation. Each, 60 cts.; doz., \$6.00.

SPIREA, Meadow Sweet. The spireas here under listed are choice varieties, and all of the easiest culture. Their blooming extends over a period of quite three months.

S. AITCHISONII (New). — A new variety, with beautiful ash-like foliage and graceful, slender stems surrounded with large panicles of white flowers. Very good for lawn planting. Each, 75 cts.; doz. \$7.00.

S. ANTHONY WATERER. — A fine, new dwarf Spirea, with dark crimson flowers, darker than Spirea Bumalda. One of the finest shrubs of recent years. Each, 60 cts.; doz., \$6.00.

S. BILLARDI. — Rose-coloured spikes, differing altogether in appearance from Van Houttie and others of that class; blooms nearly all summer; is hardy and attractive. Each, 60 cts.; doz., \$6.00.

S. BUMALDA. — A new Spirea from Japan; dwarfish habit; foliage narrow; flowers rose-coloured, in great profusion during summer and autumn. Each, 60 cts.; doz., \$6.00.



Syringa Mad Casimir Perrier

FLOWERING AND ORNAMENTAL SHRUBS—Continued.



The graceful, drooping branches of the Weigelia make this one of the most attractive shrubs for lawn planting. The varieties differ principally in their colour of bloom, which is always borne in great profusion.

SYMPHORICARPUS. RACEMOSUS (Snow berry). — A well-known shrub, with small pink flowers, and large white berries that hang on the plant through part of the winter. Each, 60 cts.; doz., \$6.00.

TAMRIX PENTANDRA (HISPIDA AESTIVALIS). — New Very vigorous; branches grow 5 to 7 feet in one season, and are covered in July and August with light rosy carmine flowers; very light and feathery. A very beautiful shrub. 75 cts. each; \$7.00 per doz.

HEDGE PLANTS AND PLANTS FOR EDGE ROWS

BERBERIS, Thunbergii. JAPANESE BARBERIS. — Of dwarf graceful habit and very thorny. This is one of the best plants where a low untrimmed hedge is desired. Brilliant green in summer; glowing colours in autumn; crimson berries in great profusion after leaves fall. Doz., \$5.00; per 100, \$30.00.

CARAGANA ARBORESCENS (Siberian Pea). — A fine tall-growing shrub with numerous clusters of showy yellow pear-shaped flowers along the branches, in early June, followed by small seed-pods. Bark dark green. Foliage small and neat. One of the most valuable shrubs yet introduced for the extreme North and Northwest. Much used for hedges. \$4.00 per doz.; \$25.00 per 100.

PRIVET VULGARE. — Very useful for hedges, can be clipped any shape. It is free of growth and succeeds under the most adverse conditions, such as under dense shade of trees. Plant 12 inches apart. Strong plants, \$3.00 per doz.; \$16.00 per 100.

AMUR OR AMOOR PRIVET. — A native of China and Japan that grows as high as 6 feet. The hardiest strong plants, 2 to 3 feet, \$4.00 per doz.; \$20.00 per 100.

HYDRANGEA PANICULATA GRANDIFLORA. — This popular shrub makes an excellent hedge and is especially desirable as a dividing line between two properties. Plant 15 to 18 inches apart. Bushy plants, 3 feet high. \$6.00 per doz.; \$30.00 per 100.

HONEY LOCUST (Gleditschia). — A rapid growing tree, with powerful spines and delicate foliage. Very useful as a defensive hedge plant. \$3.00 per doz.; \$15.00 per 100.

RHAMNUS CATHARTICUS (Buckthorn). — A fine, robust, hardy shrub, of European origin, with dark green foliage, white flowers and small black fruit. A popular hedge plant. \$4.00 per doz.; \$25.00 per 100.

PICEA SPRUCE, EXCELSA (Norway Spruce). — Forms a majestic hedge and is valuable as a screen and for wind-breaks. Price on application.

THUYA ARBORVITAE (Occidentalis). — Makes a good compact hedge and is useful as a windbreak. Price on application.

Other varieties quoted on application.

VIBURNUM, Opulus. HIGH BUSH CRANBERRY. — One of the showiest varieties of the Snowball. The large white flowers are borne in profusion at the end of May and are followed by clusters of showy scarlet berries, which retain their colour until late in the autumn. Each, 60 cts.; doz., \$6.00.

V. OPULUS STERILIS. (Guelder Rose). — This is the old-fashioned Common Snowball. The flower-heads are much more loose and open than those of the V. Opulus; it blooms about the same time. This variety does not carry any fruit. Each, 60 cts.; doz., \$6.00.

V. PLICATUM (Japan Snowball). — A rare and exceedingly beautiful species from Japan. Flowers pure white in June. Moderate growth; handsome, plicated foliage. One of the most popular and desirable shrubs grown. Each, 75 cts.; doz., \$7.00.

V. LANTANA. (Wayfaring Tree). — A large robust shrub, with soft heavy leaves, and large clusters of white flowers in May, succeeded with red fruit, retains its foliage very late. Each, 60 cts.; doz., \$6.00.

WEIGELA, Candida. DIERVILLE. — A vigorous grower and profuse bloomer. Flowers of pure white, being produced in great clusters in June and occasionally throughout the summer. Each, 75 cts.; doz., \$7.00.

W. ROSEA AMABILIS, PINK WEIGELA. — Of the same habit as W. Candida, and produces great masses of deep pink flowers in June. 75 cts. each; \$7.00 per doz.

W. BOUQUET ROSE. (New). Large flowers; clear, satin-rose, in the greatest profusion the beginning of May. Each, 75 cts.; doz., \$7.00.

W. EVA RATHKE. — An erect grower and profuse bloomer. The flowers are dark carmine-red. Each, 75 cts.; doz., \$7.00.

W. ROSEA. — A strong, vigorous grower, with good foliage and abundant bloom; flowers rose-colored; produced in late May and June. Each, 75 cts.; doz., \$7.00.

Prices on nursery stock in this catalog include packing and are f. o. b. our shipping point.



Viburnum Plicatum

ORNAMENTAL AND SHADE TREES—Continued

CATALPA

SPECIOSA (Western Catalpa).—Highly ornamental trees with large bright green foliage and beautiful white flowers in large showy panicles, produced in June. Its quick growing habit and its ability to thrive in dry or moist soils, render it very desirable for lawn and street. 6 to 8 feet, each, \$1.50.

FRASCINUS AMERICANA (American White Ash).—A well known native tree. 6 to 8 feet, each, \$1.50.

JUGLANS, WALNUT

BLACK.—A native tree of large size and majestic form, beautiful foliage. Tree a rapid grower, producing a large, round nut of excellent quality. 6 to 8 feet, each, \$1.50.

BUTTERNUT (White Walnut).—A native tree of medium size; nut oblong and rough; highly prized for its sweet, nutritious kernel. 6 to 8 feet, each, \$1.50.

MORUS-MULBERRY

TARTARICA PENDULA (Teas Weeping).—A very thrifty, vigorous grower, perfectly hardy, forming a natural umbrella-shaped top, or head, with long, pendulous branches which droop to the ground; foliage handsome. One of the best dwarf weeping trees. New and valuable. Each, \$3.00.

POPULUS, POPLAR

CAROLINENSIS (Carolina Poplar) 4 to 5 feet. —A fine spreading variety of robust growth; leaves dark, glossy green. Valuable for street planting or for screens. 8 to 10 feet, each, \$1.00; doz., \$9.00. 10 to 12 feet, each, \$1.25; doz., \$12.00.

NIGRA FASTIGIATA (Lombardy Poplar).—A well-known variety of tall, pillar-like growth. 8 to 10 feet, each, \$1.00; doz., \$9.00. 10 to 12 feet, each, \$1.25; doz., \$12.00.

CRATAEGUS, THORN

OXYCANTHA (Paul's Double Scarlet Hawthorn).—One of the best double varieties; flowers brilliant carmine. 4 to 5 feet, each, \$1.25.

OXYCANTHA ALBA FL. PL. (Double White Hawthorn).—Small double white flowers; very ornamental. 4 feet, each, \$1.25.

QUERCUS, OAK

COCCINEA (Scarlet).—A native tree of rapid growth, foliage changes to bright scarlet in the autumn when it presents a most gorgeous appearance. 6 to 8 feet, each, \$2.50.

ROBUR (English).—The Royal Oak of England, a spreading tree of somewhat slow growth. 6 to 8 feet, each, \$2.50.



Lombardy Poplar

PLANE, PLATANUS

ORIENTAL PLANE TREE (*Platanus orientalis*).—A rapid-growing tree of great adaptability, forming a massive round-topped head. Exceedingly satisfactory for street or avenue planting. Hardy and thrives well in most soils. It is a large tree, lofty and with massive branches suitable for wide streets. Almost as rapid a grower as the poplar. 6 to 8 feet, each, \$1.50.

ROBINIA PSEUDACACIA DECAISNEANA

A beautiful tree of medium size and rapid growth. The flowers, which are abundant, are borne on long pendulous racemes, and are rose-tinted in color and fragrant. 6 to 8 feet, each, \$1.25.

SALISBURIA, GINKGO

SALISBURIA ADIANTIFOLIA.—This tree is remarkable as a deciduous member of the Pine family with odd-shaped leaves that resemble those of the Maidenhair Fern; but its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds. 4 to 5 feet, each \$2.00.

SALIX, WILLOW

ROSMARINIFOLIA (Rosemary-leaved Willow).—Very graceful. When worked five to seven feet high, a very striking and pretty round-headed small tree. Also very desirable in shrubberies when worked low. Branches feathery; foliage silvery. 3 to 4 feet, each, 75 cts.

PENTANDRA, SYN. LAURIFOLIA. (Laurel-leaved Willow).—A fine ornamental tree, with very large, shining leaves. 6 to 8 feet, each, \$1.50.

BABYLONIAN VAR. RAMULIS AUREIS. (Golden-barked Babylonian Willow). A.—A novel and distinct variety of the well-known Babylonian Willow, with bright golden bark in winter. Habit same as the type. 6 to 8 feet, \$1.50.

CAPREA VAR. PENDULA. (Kilmarnock Weeping Willow. C.).—Grafted five to seven feet high, it forms, without any trimming, an exceedingly graceful tree, with glossy foliage and perfect umbrella head, unique in form. 6 to 8 feet, each, \$1.50.

SORBUS, MOUNTAIN ASH

AUCUPARIA (European Mountain).—A very ornamental tree of medium height with attractive compound leaves. Flowers white, followed by showy clusters of orange-red berries. 7 to 8 feet, each, \$1.50; doz., \$15.00.

AUCUPARIA PENDULA (Weeping Mountain, Ash).—Similar to the above, but with drooping branches. 6 feet each, \$3.50.

TILIA, LINDEN

AMERICANA (American Linden or Basswood).—A rapid-growing, large-sized tree; very large foliage. 8 to 10 feet, each, \$2.00.

EUROPEA (European).—A very fine tree, with large leaves and fragrant flowers, which are much sought after by the bees. 6 to 8 feet, each, \$2.00.

ULMUS, ELM

AMERICANA (American White).—The noble drooping, spreading tree of our own woods. One of the grandest of park or street trees. 8 to 10 feet, each, \$2.00; doz., \$18.00.

PENDULA (Camperdown Elm).—Grafted on stems 5 feet high, this variety forms one of the most graceful drooping trees. Each, \$4.00.

ACER, MAPLE

PLATANOIDES (Norway).—A distinct foreign variety, with large broad leaves of rich green. Probably the best maple in cultivation. 8 to 10 feet, each, \$2.00; doz., \$20.00. 10 to 12 feet, each, \$2.50; doz., \$25.00.

DASYCARPUM or **ERIOCARPUM** (Silver-Leaved or Soft).—Of rapid growth and desirable for immediate effect. Will thrive in wet soil where hard maple will not. This is a native tree and very hardy and desirable. 8 to 10 feet, each, \$1.75; doz., \$18.00. 10 to 12 feet, each, \$2.00; doz., \$20.00.

DASYCARPUM (Weir's Cut-leaved Maple).—A graceful tree with deeply-cut foliage and recurving pendulous branches. 8 to 10 feet, each, \$2.25; doz., \$24.00.

PLATANOIDES (Schwedler's Norway Maple).—The young foliage of this variety is bright crimson fading to purplish-green, a valuable tree. 8 to 10 feet, each, \$2.50; doz., \$25.00.

AESCULUS HIPPOCASTANUM

HORSE CHESTNUT.—A well-known species with flesh-colored hyacinth-like flower clusters in June. 6 to 8 feet, each, \$2.00.



Malus Floribunda (See page 93)

ORNAMENTAL AND SHADE TREES—Continued.



Salisburia Ginkgo.) (See page 92.)

BETULA, BIRCH

ALBA LACINIATA PENDULA (Cut-leaved Weeping Birch) —A popular tree of tall, slender growth with finely cut foliage borne on drooping branches; bark silvery-white. Very ornamental. 6 to 8 feet, each, \$2.50.

VAR. ATROPURPUREA. (Purple-leaved Birch).—A variety possessing the vigorous habit of the Birches, and having purple foliage. 6 to 8 feet, each, \$2.00.

MALUS, CRAB

AUGUSTIFOLIA (Betchel's Double-Flowering Crab). — One of the most beautiful of the many varieties of flowering Crabs. Tree of medium size, covered in early spring with large, beautiful, double fragrant flowers of a delicate pink colour. From a distance the flowers have the appearance of small roses. Blooms when quite young and late in the season, after the others. 4 to 5 feet, each, \$2.00.

BACCATA MANDSHURICA, (Manchurian Crab). 15 to 20 ft. Low densely branched tree, pure white flowers over 1 inch across, and more fragrant than any other Asiatic Crabapple; fruit the size of a big pea, yellow-red. 4 to 5 feet, each, \$2.00.

ATROSANGUINEA, Carmine Crab. 15 to 20 feet. This plant has the habit of *M. floribunda*, of which it is a probable hybrid. The brilliant red flowers of this Flowering Crab are not surpassed. 4 to 5 feet, each, \$2.00.

FLORIBUNDA, Japanese flowering Crab.—15 to 25 feet. Professor Sargent, Director of the Arnold Arboretum says: "This is one of the handsomest and most satisfactory of all flowering trees, it blooms every year without fail. The bright pink flower-buds are very beautiful; and the masses of small flowers, which completely cover the branches are at first pink and then gradually become white." Yellowish fruit about the size of a pea. Fruit hangs until late spring, furnishing fine winter food for birds. 4 to 5 feet, each, \$2.00.

The Beautiful and Interesting JAPANESE NOVELTY

JAPANESE FERN BALL

For the Window, Drawing Room, or
Suspended From Chandelier,
Over Dining Table, or Used
in Fern Dishes.

The Ball is composed of the Japanese Inland Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald-green from every point.

DIRECTIONS:—Place ball in water for several hours and then suspend in any desired position: repeat every two days until growth has started, after which water occasionally as required, being careful that it does not become dry. The greater the growth the more water will be required to keep the ferns in a flourishing condition. To use in fern dish cut ball in halves, placing flat side down, thus getting two dishes of beautiful ferns. The fern ball may be allowed to dry up at any time and be set away, and be started again by watering as before.

The Fern Ball will be from 1 to 4 weeks in starting, according to degree of heat and moisture. Do not expose to direct rays of sun. Price Each \$1.25



EVERGREEN TREES

ABIES CONCOLOR (Silver Fir of Colorado).—Without doubt the finest of the Rocky Mountain Evergreens. Tree of graceful habit; broad, handsome foliage, bluish above, silvery beneath. 2 feet, \$3.00; 3 feet, \$4.00 each.

ABIES NORDMANNIANA (Nordmann's Silver Fir).—This majestic Fir is of symmetrical form, vigorous and quite hardy. Its foliage is massive, dark green, shining above and slightly glaucous below, rendering it a very handsome tree throughout the year. 2 feet, each \$2.00; 6 feet, each \$5.00.

ABIES VEITCHII (Veitch's Fir).—A hardy and beautiful Japanese Fir. 4 feet, each, \$5.00.

JUNIPERUS, HIBERNICA (Irish Juniper).—A beautiful glaucous-green variety of dense pillar-like growth; very desirable. 18 to 24 inches. Each, \$2.50.

JUNIPERUS SABINA (Savin Juniper).—Dwarf prostrate spreading branches. Thrives in poor soils. 2 feet, each, \$2.50.

LARCH KAEMPFERI (Japan Larch).—A tree with horizontal branches, forming a pyramidal head; foliage light green when young, changing to golden yellow in fall. Very fine. 6 to 8 feet, \$2.25 each; 8 to 9 feet \$3.00 each.

PICEA ALCOCQUIANA (Alcock's Spruce).—From Japan. It forms a beautiful tree of close habit. Foliage pale green, silvery underneath. Valuable. 4 feet, each, \$3.50.

PICEA ENGELMANN'S (*Picea Engelmannii*).—Another tree from Colorado growing way up to the snow line. A slow compact tree of beautiful steel-blue color. Mix in a few with your other evergreens. Excellent for a place up in the mountains.

PICEA, ALBA (White Spruce).—Valuable for planting near the sea. 2 to 3 feet, each, \$3.00.

PICEA, DOUGLAS' SPRUCE.—A fine, long-lived tree from the Rocky Mountains, where it grows in great quantity. The foliage is soft and brilliant green in color, with bluish tint when young. It is of the most vigorous and symmetrical growth. 3 to 4 feet, each, \$2.50.

PICEA, EXCELSA (Norway Spruce).—The most generally used of evergreen trees. Useful for screens and windbreaks on account of its rapid growth. It makes a tall tree, and, as an individual tree, with room to develop, is of pyramidal, symmetrical growth, its lower branches sweeping the ground. 1½ to 2 feet, each, 75 cts.; doz., \$5.00. 2 to 3 feet, each, \$1.00.

PICEA, PUNGENS MOERHEIMI (Blue Spruce).—The finest form of Blue Spruce. A great improvement on *Kosteriana*. Foliage of a more intense blue. The needles of the old branches retain their fine blue color, which is not the case with other varieties. 2 to 3 feet, each, \$5.00; 3 to 4 feet, each, \$6.00.

PINUS AUSTRIACA (Austrian Pine).—A noble tree of rapid growth with massive horizontal branches covered with long, thick, dark green foliage; very hardy. 3 to 4 feet, each, \$3.00.

Special prices for larger quantities on application.

PINUS, STROBUS (White or Weymouth Pine).—Useful for screens, windbreaks and backgrounds. 2 to 3 feet, each, \$2.50

PINUS, SYLVESTRIS (Scotch Pine).—One of the best trees for exposed situations. 2 feet, each, \$1.75; 3 feet, each, \$2.50.

RETINOSPORA FILIFERA (Japan Cypress).—Thread-like, drooping, light green branches; pyramidal form; graceful and beautiful. 2 to 2½ feet, each \$3.00.

RETINOSPORA FILIFERA AUREA.—A golden-leaved form of the preceding. Each, \$3.50.

RETINOSPORA PLUMOSA.—Forms a handsome pyramid of dense, feathery branches, fine, light green foliage. 2 to 3 feet, each, \$3.50.

THUYA OCCIDENTALIS (American).—Valuable for hedges; is very hardy and easily transplanted, few or no plants ever failing if nursery specimens are obtained; grows rapidly, and with very little care soon forms a beautiful hedge, very dense, and perfectly impervious to the sight. 1½ to 3 feet, each, 50 cts.; doz., \$4.50. 2 to 3 feet, each, 60 cts.; doz., \$5.50.



Picea, Pungens Moerheimii.

THUYA OCC. PYRAMIDALIS (Pyramidal Arbor Vitae).—This is a strikingly beautiful tree, planted singly or in pairs, stretching up to a height of 25 to 30 feet, when 15 to 20 years old; a pyramid of solid green; grows in shape like a church spire. 3 feet, each, \$2.00.

THUYA OCC. GLOBOSA (Globe Headed).—This is one of the most desirable of evergreens; forms a very dense round head, and grows strong and thrifty; of a dark green color; attains a height of only 6 to 8 feet and about the same breadth. Each, \$2.00.

VAR. GEORGE PEABODY.—Golden yellow, very hardy. 2 to 3 feet, each, \$2.50.

TAXUS CUSPIDATA VAR. BREVIFOLIA.—Favorite with the landscape architects for a low foundation planting and gardens. It is low and will stay low. The original plants are only 2 feet high but they are 15 feet broad. Very handsome. 1½ feet, \$2.00; 2 feet, \$2.50 each.

Fergusons' Combination Sprayer and Syringe.



The only practical Greenhouse Combination Sprayer and Syringe on the market. The three different roses that go with sprayer make it possible to either Water, Spray or Syringe at will by simply adjusting which ever rose is desired. Recommended as regards syringing under the foliage of plants where force needed to keep down red spider, etc. Substantially made of brass, and can be screwed on the end of any hose same as an ordinary nozzle. They are used for outdoor work as well as in greenhouses; nothing better to keep rose bushes, etc., clean. The long brass extension rod enables the user to reach otherwise inaccessible places, such as when spraying tree-ferns, palms, ferns, the foliage of vines, etc., and without getting thoroughly soaked. The simplicity, durability and the great usefulness of this combination Sprayer and Syringe appeals to every florist and gardener. Whenever used it has given excellent satisfaction, and will no doubt become a necessity with every gardiner. Used by the leading Florists and Gardeners in Canada and U. S. Each, \$5.00.

FRUIT TREES AND SMALL FRUITS

APPLE TREES

The following list of apples will be found to include the varieties which have stood the test in our northern climate.

PRICES OF APPLE TREES

Standard Trees on free stocks for orchards, 3-year-old No. 1—11-16 inch caliper, \$1.25 each; \$10.00 per doz.

Special prices for larger quantities on application.

SUMMER VARIETIES

Duchess of Oldenburg. Vigorous growth; Russian; large; striped; tender, juicy, subacid, good, regular and abundant bearer. One of the hardest kinds known.

MONTREAL PEACH.—This, although grown in the Province of Quebec for many years, is a Russian. Fruit medium to large, conical, pale straw color, with a fine salmon rose cheek. Season, early September. Texture, all that can be desired in a first-rate apple. Tree very productive, hardy and vigorous. Free from blight.

RED ASTRACHAN.—Free growth; large, roundish, deep crimson, juicy, rather acid, good, very hardy, highly esteemed on account of its fine appearance, earliness and hardness.

TETOFISKY.—Moderate growth; Russian; medium, yellow and red, juicy, sprightly acid, good, very hardy.

YELLOW TRANSPARENT.—Free growth; Russian; medium, roundish oblate, slightly conical; pale yellow, tender, juicy, sprightly sub-acid; good.

AUTUMN VARIETIES

ALEXANDER.—Moderate growth; Russian; very large and handsome, crimson, crisp, sub-acid, good.

WOLF RIVER.—Very large; beautiful red in the sun, on a yellow ground; strong grower and a good bearer. Original tree in Wisconsin is 40 years old, very healthy and extremely hardy.

Wealthy. Fruit medium, roundish, skin smooth, mostly covered with dark red, flesh white, fine juicy, vinous, sub-acid, very good. A free grower and productive. A variety of much value on account of its great hardness and good quality.

ST. LAWRENCE.—Roundish, oblate, yellowish green, heavily striped and splashed with carmine, size large, flesh white, slightly stained, crisp, juicy, tender and vinous. Tree hardy and productive.

WINTER VARIETIES

GOLDEN RUSSET.—Vigorous growth; medium, russet, crisp, juicy, mild and subacid, hardy, very good, long keeper.

BEN DAVIS.—Roundish, conical apple, medium to large in size, yellowish ground, striped more or less with red, according to the season, soil and amount of sun. Tree moderately vigorous, hardy, extremely productive, even at a very early age. This apple is valuable chiefly on account of its productiveness, early bearing and long keeping qualities.

Fameuse. Vigorous growth; medium; deep crimson; tender, subacid, melting, delicious; very good; hardy. One of the best dessert Apples.

GANO.—An improved Ben Davis, adding to good qualities of that variety, a very handsome fruit of deep dark red, that gives a ready sale in the market.

McIntosh Red. Large, roundish, skin mostly covered with bright red, flesh tender, subacid, sprightly, very good. A handsome apple of fine quality. Tree vigorous and hardy. For its season the McIntosh Red is one of the best apples grown.

MILWAUKEE.—Oblate, fruit large in size; colour yellowish green, splashed and washed on the sunny side with a bright red and crimson; flesh yellowish. Essentially a cooking rather than a table apple.

NORTHERN SPY.—Large, round, striped with red with a pale bloom; remarkably tender, juicy, high-flavored and delicious; one of the best long-keeping Apples.

PEWAUKEE.—Vigorous growth; large; bright yellow with red; tender, subacid; good; very hardy.

SCOTT'S WINTER.—Roundish, conical, medium to below medium in size; skin yellowish, well splashed and washed with deep orange and purplish red; flesh yellowish, crisp, tender and juicy; acid but with pleasant flavor. Tree very hardy.

CRAB APPLES

First-class Standard Trees, 5 to 7 feet. Each, \$1.25.

The Crab Apple has many points of excellence. It makes a fine ornamental tree, perfectly hardy, and will grow in any kind of soil. It bears very early and every year.

MONTREAL BEAUTY.—Fruit large, bright yellow, shaded with red; flesh yellowish, firm, acid. Tree a very strong grower and very hardy. One of the most beautiful of the crabs.

HYSLOP.—Large size; dark crimson with bloom; very showy; most beautiful of the class. Hardy.

WHITNEY.—Large to very large; skin glossy green, striped and splashed with carmine; flesh firm, juicy; flavor pleasant. Season end of August and early part of September. Tree a very upright, straight grower, with very dark green, glossy foliage. One of the best.

TRANSCENDENT. Of the largest size of this class of Apples; red, showy, excellent and very handsome; one of the most desirable.

PLUMS

Price of the following varieties, \$1.50 each.

ABUNDANCE.—Beautiful lemon-yellow ground, nearly over-spread with bright cherry and with a heavy bloom, large to very large, oblong, tapering to the point; flesh orange-yellow, melting rich and highly perfumed; abundant and annual bearer.

BRADSHAW.—A very large, oval, dark violet-red; juicy, sweet and good; a valuable market variety.

IMPERIAL GAGE.—Fruit large, oval, skin pale green, flesh juicy, sweet, rich and excellent. Tree very vigorous and annually productive.

REINE CLAUDE DE BAVAY (Green Gage).—Large, nearly round, greenish yellow; juicy, melting and excellent; enormous bearer. Rightly regarded as one of the most profitable plums for market, as well as one of the very best for home use.

PEARS

BEURRE D'ANJOU.—Very large, greenish, sprinkled with russet, sometimes shaded with dull crimson; flesh whitish, buttery, melting, with a high, rich, vinous, excellent flavor; productive; succeeds well on the quince; should be in every orchard.

CLAPP'S FAVORITE.—Very large; yellowish green to full yellow when ripe, marbled with dull red in the sun, and covered with small russet specks, vinous, melting and rich. Very productive; being an exceedingly vigorous grower it succeeds well on the very hardest clay, just before Bartlett.

FLEMISH BEAUTY.—Large, symmetrical, beautiful, juicy, melting, rich and fine; in unfavorable seasons scabs freely unless sprayed. Very heavy bearer; hardiest of all pears of good quality.

BARTLETT.—Large size, with often a beautiful blush next the sun; buttery, very juicy and highly flavoured; bears early and abundantly; very popular.

Price: \$1.50 each

CHERRIES

NAPOLEON.—A magnificent cherry of the largest size; pale yellow, with a bright red cheek; flesh very firm, juicy and sweet. Bears enormous crops.

EARLY RICHMOND.—Medium size, bright red, melting, juicy, sprightly, acid flavor. This is one of the most valuable and popular of the acid cherries, is unsurpassed for cooking purposes and is exceedingly productive.

LARGE MONTMORENCY.—A large red, acid cherry, larger than Early Richmond, and fully ten days later; very productive, and without doubt the most valuable of all sour cherries; tree strong grower.

Price \$1.50 each.

GRAPES

Price of the following varieties: 50cts each; \$5.00 per doz.

BLACK

CAMPBELL'S EARLY.—Handsome black berries, with purple bloom; rich; keeps very good.

MOORE'S EARLY.—Bunch medium; berry very large, with heavy, blue bloom; good quality.

WORDEN.—A seedling of the Concord. Bunch large, compact, handsome; berries large—larger than those of the Concord. It ripens a few days earlier, and is superior to it in flavor. Very popular for the vineyard and garden.

CONCORD.—A large handsome grape, very hardy, productive, and reliable; succeeds well over a great extent of country, and is one of the most popular market grapes.

RED

BRIGHTON.—Flesh rich, sweet and of the best quality; ripens early. Very productive and vigorous.

DELAWARE.—Bunch small and compact; berries small, light red, sugary and vinous.

LINDLEY.—Bunch medium, somewhat loose; berries medium to large, round; flesh tender and sweet. Vine very prolific.

WHITE

MOORE'S DIAMOND.—Bunch large and compact; berries medium; flesh juicy, very palatable.

NIAGARA.—Bunch medium to large; berries large, roundish, uniform; skin thin, with a whitish bloom; flesh slightly pulpy, tender and sweet.

FRUIT TREES AND SMALL FRUITS—Continued

BLACKBERRIES

BEST SORTS.—\$1.75 per doz.

CURRANTS

Perfection.—This is the largest red currant known. It bears the largest crop of the largest clusters and has been awarded the first prizes wherever exhibited. It originated in Rochester, being a seedling of the Fay, the largest heretofore known, and the White Grape currant, the greatest bearer among currants—thus combining the good qualities of both parents. A three-year-old plant well cared for and in proper ground will produce an 11-quart basket of fruit, and an acre holds 1,500 plants. Each, 60 cts.; doz., \$5.00.

Prices of the following varieties, 50 cts. each; \$4.00 per doz.

BLACK CHAMPION.—A variety from England, more productive and fruit larger than Black Naples; season later than most sorts and hangs on extremely well; very profitable.

BLACK NAPLES.—Very large; black; bunches of medium length. Much valued for jellies. Strong grower and coarse leaves.

CHERRY.—One of the largest red Currants; bunch short. An old and tried variety. Very prolific.

FAY'S PROLIFIC.—Fruit very large, bright red and of excellent flavor; less acid than the Cherry. It has a long stem which admits of rapid picking and is enormously productive.

WHITE GRAPE.—Very large, yellowish white; sweet, or a very mild acid. Excellent quality and valuable for the table. The finest of the white sorts.

GOOSEBERRIES

DOWNING.—Whitish green; vigorous and prolific; juicy and good. A fine, reliable berry for general culture. Doz. \$6.00; each, 75 cts.

HOUGHTON.—An American variety, bears abundant and regular crops, seldom mildews; fruit smooth, red, tender and very good. Doz. \$6.00; each 75 cts.

PEARL.—The most prolific Gooseberry known. One bush produced 2,500 berries. It is free from mildew, and is much larger than the Downing. The colour is bright green and quality first class. Being thoroughly tested, we offer it as the best of its class yet grown. Doz., \$6.00; each, 75 cts.;

JOSSELYN (Red Jacket).—Fruit almost round, red, larger than Pearl or Downing, very vigorous grower, which is a desirable trait; does not mildew; is productive. Doz., \$6.00; each 75 cts.

RED RASPBERRIES

St. Regis Raspberry. An everbearing variety of unusual merit. Introduced in 1911. A red raspberry that gives ripe fruit earlier than any other kind, and continues to do so continuously until the ground is frozen. The berries are of good size, bright crimson, exceedingly firm and of sweet, rich flavor. Doz., \$2.00; per 100 \$10.00.

Herbert.—Strong grower, hardy and very productive. Fruit large to very large, bright deep red; berries moderately firm, sweet and sub-acid, juicy and of good flavor; quality very good. Season before Cuthbert. Doz., \$2.00; per 100 \$10.00.

COLUMBIAN.—A new variety of great promise. It is a very vigorous grower and very hardy. Fruit purple and delicious for table or canning and an excellent shipping variety. Per doz., \$2.25; per 100, \$12.00.

KING.—The earliest berry, a few days ahead of Marlboro, hardly as large but of better colour. Is a more healthy and vigorous grower, and very productive. We consider this the best early. Per doz., \$1.50; per 100, \$8.00.

CUTHBERT.—An old standard, vigorous, productive and a firm fine berry of best quality, late. Is not hardy here for field culture; in gardens laid down it does very well. Per doz., \$1.50; per 100, \$8.00.

YELLOW RASPBERRIES

GOLDEN QUEEN.—Large; beautiful amber colour; firm and of fine quality. Plant vigorous, hardy and remarkably productive. Per doz., \$2.00; per 100 \$10.00.

STRAWBERRIES

Four Finest Varieties To Date

KELLOGG'S PREMIER (Per.).

—Is, without exception, the grandest and best early variety ever originated. It is a strong pollinizer and the plants grow large and root deeply, making it extremely vigorous and a great drought resister. It succeeds in all soils and climates and is wonderfully productive of large, beautifully formed, deep red berries of the very highest quality, the kind which attracts attention and sells readily on any market at the very highest prices. The berries are ideal for canning and preserving, a so ideal for shipping. Per 100, \$3.50; per 25, \$1.00.

DR. BURRILL (Per.).—Judging from the great demand for plants of the Dr. Burrill last spring, people realize the merits of this grand berry. A cross of Senator Dunlap and Crescent with the best qualities of both embodied in one; a marvel of productiveness, quality, color, size, firmness, which is seldom found in any one variety. Fruit is large, of high quality, very firm and of a beautiful even shape and a dark, glossy red color with bright yellow seeds which makes a very attractive berry and commands the highest price on any market. A first-class plant maker and the long roots make it a great drought resister. Our grower fruited this variety the past season alongside of the Senator Dunlap, and it is fully thirty per cent. more productive, larger, firmer and of better quality. Dr. Burrill yielded last summer at the rate of 10,080 boxes to the acre, which, figured at the rate of 15 cents per box, the average price received would equal \$1,512.00 per acre. Mid-season. Per 100, \$3.00; per 25, 85 cts.

PARSON'S BEAUTY (Per.).—This grand variety is one of the most popular varieties in Canada, and in some sections is grown almost exclusively. It can be depended on to bring a good paying crop every year, and, considering its great productiveness and fine appearance, it is one of the most profitable varieties on our list. The plant is a strong grower with plenty of dark green foliage and wonderfully productive of large, evenly shaped berries of a beautiful dark, glossy finish. This variety is suitable for most any soil or condition. Mid-season. Per 100, \$2.50; per 25, 80 cts.

GLEN MARY (Per.).—This great variety is fast becoming one of the most popular and extensively grown berries in the country, and in some sections is planted almost exclusively. Our Glen Mary in fruiting season last summer were the admiration of all who saw them. For size, productiveness and appearance they are hard to beat. We picked Glen Mary that only took nineteen to fill a quart box, and the whole crop averaged very large in size. The berries are of good quality and firm enough to stand distant shipment and show up extra well at the end of the journey. In plant growth it is ideal and its great crop of berries are well protected by the very luxuriant leaf growth. We believe that anyone can pick as many quarts of Glen Mary as from any other variety. Mid-season. Per 100, \$2.50; per 25, 80 cts. **ALL STANDARD VARIETIES**, including Dunlap, Williams' Improved, Arnout, Three W's. etc., etc Per 100, \$2.00; per 25, 75 cts.

EVERBEARING STRAWBERRIES

These new strawberries will revolutionize strawberry-growing here. Plants set out in spring with first blossom cut off will start to bear about the 1st of August and continue bearing until heavy frost in late October.

DIRECTIONS.—Plant early and keep blossoms cut off until June 25. Manure heavily and cultivate sufficiently to give a soil mulch. Do not let many runners form. Irrigation in July and August will increase the crop.

PROGRESSIVE.—The strongest growing and most prolific fruiting variety, of good size and produced in great abundance; they are of an attractive deep, glossy crimson color and is much sweeter and finer in quality than the early strawberry. Until this variety was introduced, late bearing strawberries never produced in quantity, this variety will.

AMERICUS.—Very free fruiting and for size of berries, handsome appearance and quality, it is at the head of this type, surpassing in this respect some of the June fruiting varieties.

Price: 75 cts. per doz.; \$4.00 per 100.

If wanted by post, add 25 cts. per 100 for Province of Quebec.



FARM AND GARDEN IMPLEMENTS

No. 6 "IRON AGE"

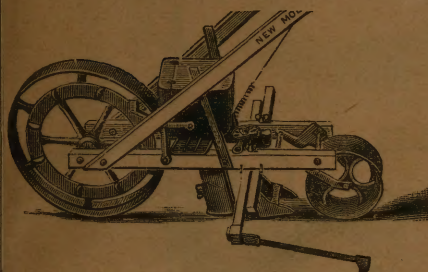
Combined Double Wheel Hoe, Hill and Drill Seeder. No rakes, \$25.00.



No. 7 "IRON AGE"

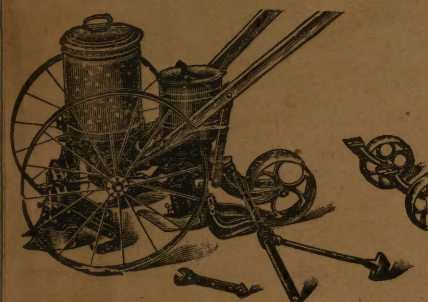
Same as No. 6, but is a Hill and Drill Seeder only, \$20.00.

**New Model Seed Drill
Iron Age**



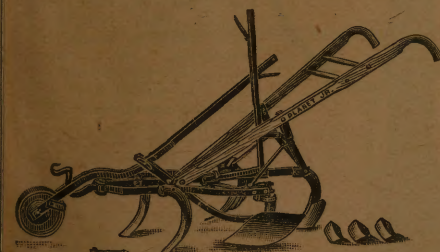
One of the leading Seed Drills. Very simple in construction. Used by leading market gardeners. Price, \$15.00.

**Combined Hill and Drill Seeder and
Fertilizer distributor**



It applies the fertilizer in connection with the seed just where it will do the most good, and without injury to the seed. Price complete, \$34.00.

**PLANET JR.
Horse Hoe and cultivator
No. 8**



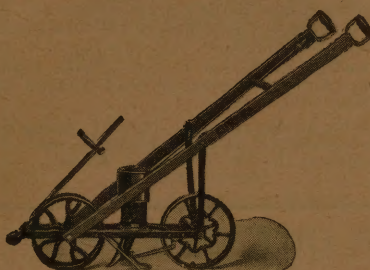
Used for plowing toward the row and for hilling. Price \$20.00.

PLANET JR. No. 4



Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. Price, complete. \$21.00.

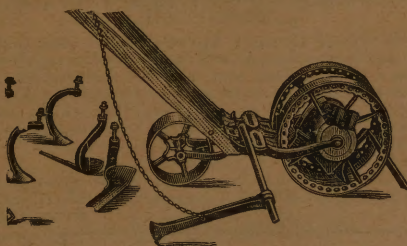
EUREKA No. 1



Hill and Drill Seeder will give every satisfaction. Price, \$12.50
No. 2 same as No. 1 but is a seeder and cultivator combined. Price \$15.00

PLANET JR. No. 1

Combined Drill Seeder, Wheel Hoe, Cultivator and Plow. Price \$17.00



Planet Jr., No. 2, \$15.00 Same as No. 1 but is a Seeder only.

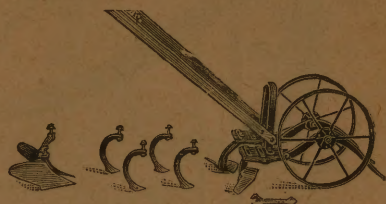
IRON AGE

**Horse Harrower and cultivator Combined
No. 1014 E.P.**



Very popular with Farmers, Price \$11.00.

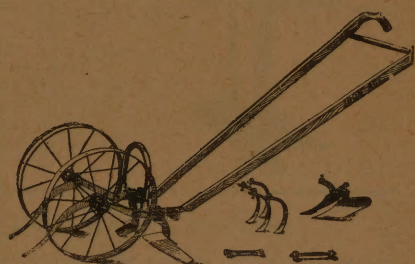
**PLANET JR. No. 12
Double Wheel Hoe**



Has the following attachments; one pair 6 inch hoes, two pairs of cultivator teeth, one pair of ploughs. Price \$13.00.

No. 1 "IRON AGE"

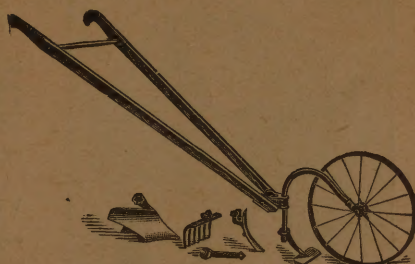
Double Wheel Hoe Cultivator and Plow combined. No rakes. Price \$15.00.



No. 3 "IRON AGE"

Same as No. 1, but with side hoes only \$10.00.

**No. 12 WHEEL PLOW
and CULTIVATOR**



An extremely light, yet strong tool designed for use in a small kitchen garden \$8.00.

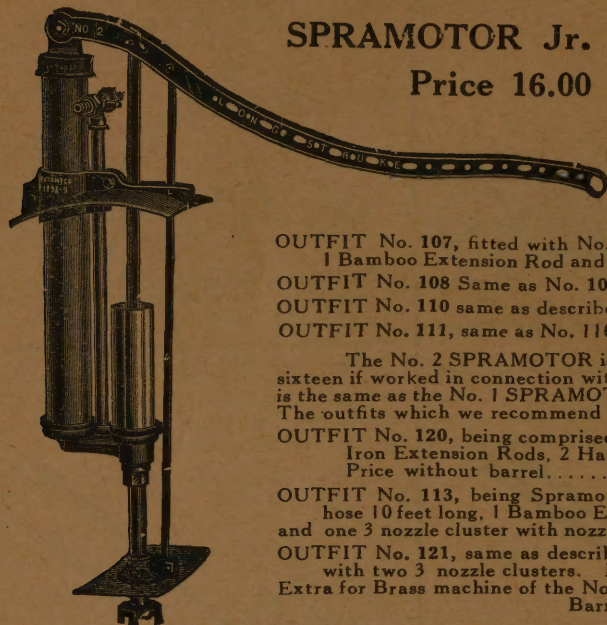
IRON AGE

**Horse Hoe and Cultivator
No. 600 EL**



With lever wheel and lever expander price \$14.00.

SPRAYING APPLIANCES



SPRAMOTOR Jr. No. 1

Price 16.00

SPRAMOTOR Jr. No. 2

Price 19.00

We illustrate here the SPRAMOTOR Jr. No. 2, which is exactly the same as No. 1 size; only that it has larger capacity.

The No. 1 SPRAMOTOR is capable of handling three nozzles or less, and is plenty large enough to look after an orchard containing up to 300 trees. For an orchard of this size, we recommend the explained.

OUTFIT No. 107, fitted with No. 1 Spramotor, 10 feet Hose with couplings, 1 Hand Valve, 1 Bamboo Extension Rod and 2 nozzle cluster with nozzles. Price complete without barrel **\$24.00**

OUTFIT No. 108 Same as No. 107 with 3 nozzle cluster. **\$24.50**

OUTFIT No. 110 same as described for No. 1 D, with exception that is fitted with Iron Rod **21.75**

OUTFIT No. 111, same as No. 110 with 3 nozzle cluster only. **22.50**

The No. 2 SPRAMOTOR is capable of handling up to six nozzles by hand power, and sixteen if worked in connection with Gasoline or other power engine. As before explained, it is the same as the No. 1 SPRAMOTOR, the only difference being that it is of greater capacity. The outfits which we recommend in this size are as follows:

OUTFIT No. 120, being comprised of Spramotor Jr. No. 2, 2 lines of hose each 10 feet long 2 Iron Extension Rods, 2 Hand Valves and two 2-nozzle clusters with nozzles. Price without barrel. **31.50**

OUTFIT No. 113, being Spramotor Jr. No. 2 with 1 line of hose 10 feet long, 1 Bamboo Extension Rod 1 Hand Valve and one 3 nozzle cluster with nozzles. **27.50**

OUTFIT No. 121, same as described for No. 2 F. being fitted with two 3 nozzle clusters. Price without barrel. **31.75**

Extra for Brass machine of the No. 1 or 2 size, \$3.50.
Barrels \$5.00

SPRAMOTOR OUTFIT 103

Spramotor Jr. No. 0 brass working parts.....	\$7.50
Five-feet 1/2-inch Hose, with brass couplings.....	1.70
Bamboo Rod, with patent drip guard.....	3.50
One hand Valve, Fig. 52.....	1.00
One Fig. 57 Nozzle.....	.80

Complete in 5-gallon Galvanized Can.....	\$14.50
Complete in 10-gallon Galvanized Can.....	18.50
	20.00



Vermorel's "Eclair" Knapsack Sprayer

Recommended by the Board of Agriculture and other authorities.)

This strong Copper Sprayer most effectively discharges all fluids. It is specially useful in fruit gardens, where it will in one season repay its cost. The nozzle is designed to deliver the spray in any direction, and may be changed instantly at the will of the operator. The pump action is arranged as so to agitate the contents—thus keeping the mixture in uniform proportion throughout the process of spraying; this is essential when thick mixtures are being used.

The "ECLAIR" is a reliable and durable machine, simple of construction. Any portion can be replaced at trifling cost. Capacity about 3 1/4 gallons.

Where ever it has been used, it has given entire satisfaction. Price \$30.00.

VERMOREL DUSTER "Torpille" Double effect distributes sulphur and powder continuously Price \$25.00



Auto Stray No. 1

The Auto-Spray No. 1 is the strongest and most simple in its working parts of any compressed air sprayer. Two pump strokes of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. This sprayer

is equipped with our patented NON-CLOGGING Nozzle Made of Brass \$1.200 Made of Galv. Iron, \$9.00.



Myers Bucket Sprayer

This spray pump is constructed entirely of brass. It is so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. The effect of this operation while pumping is to hold the pump down. The foot rest steadies the pump, holding it in proper position. Made of Brass price

\$8.00

Auto Sprayer No. 6 Bucket Sprayer made of Brass price..

\$6.50

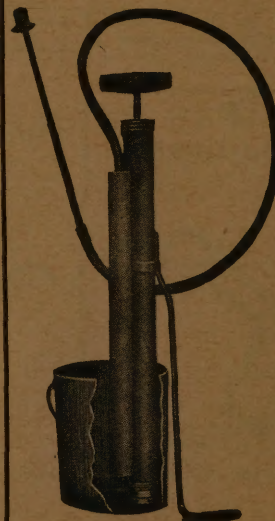


SMITH'S WHITEWASH SPRAYER

The pump is used for a bucket spray and force pump, for spraying trees, shrubbery, garden use, vegetables, washing wagons windows, etc., as well as for whitewashing. It will throw a continuous stream 35 feet high.

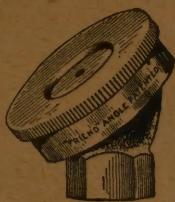
No. 28 Pump is provided with our patent spring plunger leather expander which keeps the plunger leather open and in shape, and prevent it from drying up.

\$3.50



FRIEND NOZZLE

Drive the spray farther into the trees than the cluster. The "Angle" sprays up under the leaves and down into the Calyx. The "Regular" is for ordinary work. Satisfaction guaranteed or money refunded. Price, \$1.75.



NOZZLE CLUSTERS

2-nozzle cluster, 40c.
3 nozzle cluster .50c.

Fig. 47



The simplest lawn sprinkler made — no revolving parts to wear and get out of order or leak. Easily moved about the lawn — made of polished brass — light, durable and economical. Price, \$1.25.

THE RING LAWN Sprinkler



THE GEM NOZZLE



A high grade nozzle, thoroughly well made and finished. With shut-off and will throw a solid stream or spray. Quick and positive action. Each, \$1.00.

HOSE CLAMP

For fastening couplings & menders in hose. Each, 5 cts.; per doz., .50 cts.



DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. Price, 35 cts.

THE FEENY DUST GUN

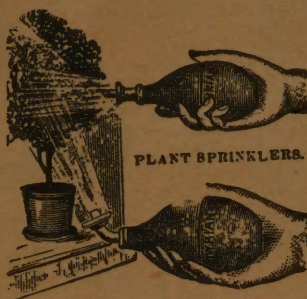
The distribution of powdered insecticides seems to have outgrown the possibility of an ordinary bellows. It distributes Powdered Arsenate of Lead, Sulphur, Tobacco Dust, Lime, etc., in an even manner in cloud form. Price, \$1.75.

SPRAMOTOR NOZZLE



The spray can be graduated from smallest fan shape spray up to a solid stream. Price, \$1.20.

Fig. 39



AUTOMIZERS

Plant Sprinkler

Scollay's Rubber Sprayer, Price \$1.75.
Scollay's Putty Bulb for distributing Putty, Mastica, etc. Price, \$1.50.

HOSE COUPLER



Price, 20 cts. per set.

Cooper Hose Mender



Brass; will not rust or wear, scarcely decreases the flow. No fastening required; barbs hold hose firm. Price, each, 15 cts.; doz., \$1.50.

Spramotor Hand Valve

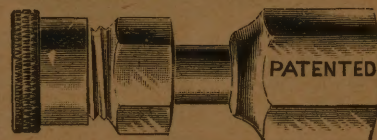


This valve can be instantly closed or opened by a simple pressure of the hand, is packed and closed by spring pressure.

For white-washing or painting work it is invaluable. Price, \$1.00.

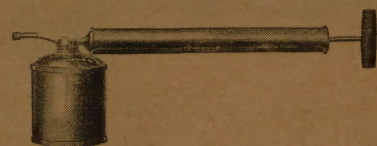
Fig. 52

SPRAMOTOR NOZZLE



The best for white-washing and all other purposes yet invented. Price 80c.

AUTO SPRAY No. 26 Continuous Atomizer



The AUTO-SPRAY No. 26 is so designed that excessive pressure generated the down stroke of the plunger allows this sprayer to generate a continuous mist-like spray. Brass, \$1.50; galv., \$1.00.

AUTO SPRAY No. 22



AUTO-SPRAY No. 22. For all kinds of small spraying and disinfecting.

This atomizer is made of heavy tin and holds one quart. It is a single acting atomizer that throws a fine misty spray. Price, 60 cts.

BAMBOO EXTENSION ROD



Fig. 48.

No iron is used in its construction, the seamless tube extending inside the bamboo being of brass, with brass connections at the ends, interchangeable with other sizes; will be made 6, 8, 10, 12, or 14 feet long.

A water drip guard and end prevents any drip from the nozzles running down the bamboo pole on to the operators hands. Price—Bamboo Rod—

8 feet.....	\$3.50	12 feet.....	\$4.00
10 feet.....	3.75	14 feet.....	5.00

IRON ROW-SPRAYER

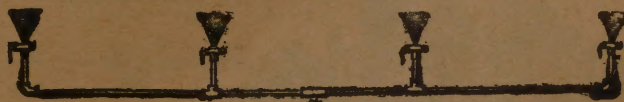


Fig. 24.

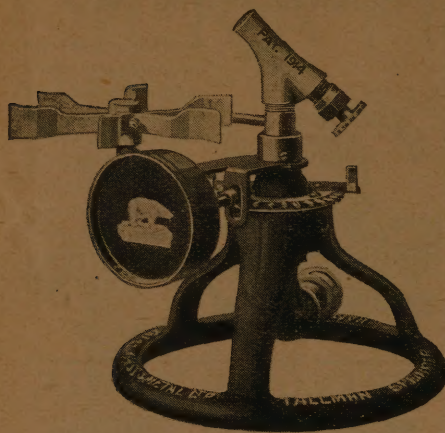
These Iron Row Sprayers are of fixed width between the nozzles, made to suit any width up to 42 inches width at the same price or will be fitted with the rack and support.

4 Rows—Without nozzles.....	\$2.40
5 Rows—Without nozzles.....	3.00

IRON EXTENSION PIPES

Iron Extension Pipe is made in lengths to suit purchasers—either six or eight feet. Each, 90 cts. and \$1.00.

Dayton Rotary and Oscillating Sprinkler



The most practical durable, efficient machine ever devised for sprinkling lawns, park or irrigating truck gardens. It must be seen in action to be appreciated. Saves time, labor, hose wear. It is nearest approach to natural rain. All the parts of this irrigating machine are made of brass and aluminum (non-rusting or corroding metals).

A tiny jet of water against an aluminum water-wheel revolves the wheel at high velocity, and through a worm gear (which runs in oil) and a pinion travelling over a toothed plate, carries the irrigating nozzle in a complete circle or oscillates like an electric fan making a half circle. Price \$10.00.

Tallman Three Arm Sprinkler



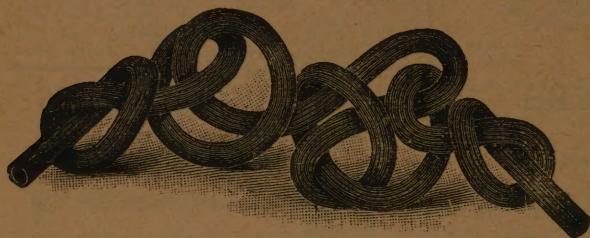
Tallman Wiggler Sprinkler will positively work at a water pressure of four pounds. The holes in the arms are drilled so that the spray is uniform.

The nozzle is similar to the standard hose nozzle and is adjustable, so that when revolving it will throw water from a fine spray to a straight stream covering a space from four feet to fifty-six feet.

It can be moved about the lawn without turning off the water.

Price \$5.00

MULTI-PED RUBBER HOSE



The Hose that doesn't Kink.

Best hose, finest quality of rubber. Will not kink, and will last for years. We can supply any length, and will fit with "snap" hose couplings if advised when ordering.

3/4 inch, per foot .21cts. 1/2 inch, per foot .17 cts.

Special price on large quantities.

ALL STEEL HOSE REEL

Made of steel rods electrically welded into three solid parts: the wheels and drum, the handle and the corrugated drum covering. No automatic get-out-of-order contrivance. Simple though satisfactory. Each \$4.00.



Grafting Wax.—Lion Brand, 1/4 lb... 15 1/2 lb., .25 cts.; lb., .45 cts..

FLOWERS STANDS

All our Flower Pot Stands are mounted on Porcelain Castors, finished in green and gold bronze.

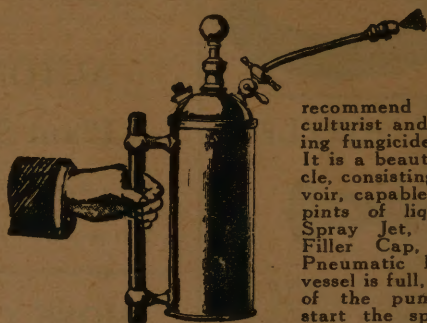
30" in. in diameter \$8.00

36 in. in diameter. 9.00

42 in. in diameter. 10.00



Enots' Compressed Air Sprayer



This is the best Sprayer of its class that has come under our notice, and we can thoroughly

recommend it to every Horticulturist and Florist, for applying fungicides and insecticides. It is a beautifully finished article, consisting of a copper reservoir, capable of holding four pints of liquid, an improved Spray Jet, a Stop Cock, and Filler Cap, and a nickelled Pneumatic Pump. When the vessel is full, one or two strokes of the pump are sufficient to start the spray, at the same time causing agitation to the

liquid, thus preventing the accumulation of sediment. The spray, which is as fine as mist, continues for several minutes, and can be discontinued for any length of time and restarted without further pumping. Price, \$15.00.

THREE-ARM LAWN SPRINKLER



This fills the want for a low-priced arm Sprinkler; it is compactly and strongly made with phosphor-bronze bearing, and will cover a space 48 feet in diameter with suitable pressure of water. The arms are brass, stand and legs of iron handsomely japanned. The water flows freely through an unobstructed channel, so there is no clogging—it stands 12 to 24 inches high. (See cut). Price, \$2.00 to \$4.00 each.

Haws' Improved Watering Cans

Ladies' Can, one Pot Rose 1 quart, \$2.00
Ladies' Can, one Pot Rose 2 quarts \$3.00



Shelf Can, 9 in. spout, 1 Rose and extra joint, 2 quarts, \$3.50
Shelf Can, 9 in. spout, 2 Roses and extra joint, 3 quarts, \$4.50

These are the same style as shown in illustration, and are very serviceable for watering fine seeds as well for all Greenhouse and Garden work.

No. 2, with 2 Roses, 4 quarts.....	\$5.50
No. 3, with 2 Roses, Iron bound, 6 quarts.....	6.00
No. 4, with 2 Roses, Iron bound, 8 quarts.....	7.00
No. 5, with 1 Rose, 1 Spreader, 10 quarts.....	8.00
No. 6, with 1 Rose, 1 Spreader, 12 quarts.....	9.00

Watering Cans (Ordinary) from 75 cts. to \$4.50.

The "PENNSYLVANIA" LAWN MOWER

Is claimed to be the Lightest Running, Swiftest Cutting and Easiest in Work of any Mower in the World.

A good word from the most famous of them all:
The Royal and Ancient Golf Club, St. Andrews, Scotland. The New 17-in. Ball-Bearing Close-Cutting Golf Mower supplied this year, I consider one of the "Cleanest Cutting, sweetest running machines on the market." I used it on our Greens during the Amateur Championship with satisfactory results.—Hugh Hamilton, Green Keeper, June 1, 1911. Price, 17-inch, \$42.00; 19 inch \$47.00; 21 inch \$52.00.

THE GREAT AMERICAN SELF-SHARPENING BALL-BEARING LAWN MOWER

The first successful Ball-Bearing Mower. The largest sale of any. The most imitated and best all-round Mower of its class in the world. The five cylinder blades are crucible steel, oil-tempered and hardened, crucible steel dead knife, with self-sharpening raised edge feature, perfectly fitting ball cups and cones, insuring an easy running Mower, and every detail of construction has been carefully carried out.

Price: 15-in., \$29.00; 17-in., \$32.00; 19-in., \$36.00; 21-in., \$40.00.

All blades in these Mowers are Crucible Tool Steel, hardened and tempered in oil.

TOWNSEND'S KING OF HORSE LAWN MOWERS



Townsend's King of Horse Lawn Mowers is acknowledged to be the best horse machine made. Its special features are: Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. This feature maintains the motion of the blades even in turning sharp corners. A lever beside the driver enables him to cut any height from the ground and to easily and quickly raise the blades over stones or other obstructions without stopping the horse or leaving the seat. Large rolls 15 in. in diameter insure great power and ease of movement.

	30 inch,	35 inch,	38 inch.
Four, Five or Six Blades }	\$175.00	\$186.00;	\$200.00.

COLDWELL'S IMPROVED HORSE LAWN MOWER

It has side draft attachment to enable the horse to walk on the cut grass only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

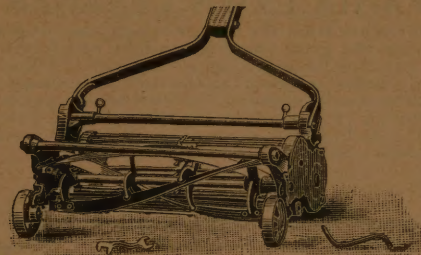
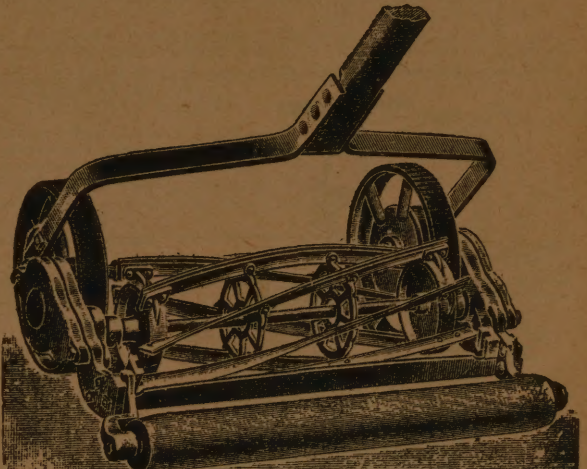
	25-inch	30-inch	35-inch	40-inch
Price four Blades...	\$102.00	172.00	212.00	265.00
Price six Blades....	not made	190.00	230.00	282.00

THE WOODYATT LAWN MOWER

12 inch cut.....	15.00	18 inch cut.....	18.00
14 inch cut.....	16.00	20 inch cut.....	19.00
16 inch cut.....	17.00		

HORSE LAWN BOOTS

Price: \$16.00 a set

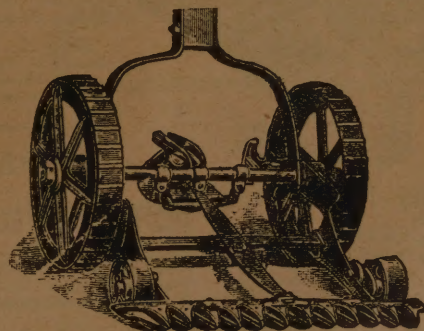


12-inch.....	\$ 33.00
14-inch.....	37.00
16-inch.....	40.00
18-inch.....	44.00
20-inch.....	47.00

BORDER AND TERRACE MOWER

Especially designed to cut grass on borders, terraces, mounds and all uneven surfaces. It has a steel open roller 4 blades, very light running, and will give thorough satisfaction.

THE CLIPPER MOWER



The Mower that will kill all the weeds in your lawns. If you keep all the weeds cut so they do not go to seed, and cut your grass without breaking the small feeders of roots, the grass becomes thick and weeds disappear. The Clipper will do it.

Price List Net
No. 2-15-in. 15.00
No. 3-18-in. 17.00
No. 4-21-in. 19.00

THE NEW UNDER CUT LAWN TRIMMER



The latest and best machine for trimming grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc. It cuts 6 inches in width. This lawn Trimmer is a highgrade machine in every respect with self-adjusting ball bearings. Price, \$11.00.

The Dunham Water Weight Lawn Rollers

Roller Bearing, can be filled without turning on end, with either water or sand. Patented. Suitable for lawns, tennis courts and putting greens.

The advantage of a roller, the weight of which can be increased or lightened at pleasure can scarcely be over-estimated. Often, on light or sandy soil, or on newly-made lawns, or in early spring when the ground is moist, or after a rainy spell, a lighter weight roller is a necessity; then on thick sward or on hard soil, on walks and roads, a heavy roller is needed. With a Water Weight Roller one can secure any weight desired, between minimum and maximum.

These are perfect rollers, and do perfect work on lawns, tennis courts, golf grounds, roads walks, etc. They will be found practically noiseless and very durable. The rolling surfaces are smooth and will not gather grass or soil; the sections fit closely, leaving no mark, and the diameters are large, insuring a lighter draft for a given weight than is usual.

The outer edges are rounded and will not cut up the lawn or tennis court. The longitudinal seam is welded from the inside, so that the seam across the face of the roller is as smooth as any part of the face itself.



STYLE WB—WITH "NO-TIP" ATTACHMENT.

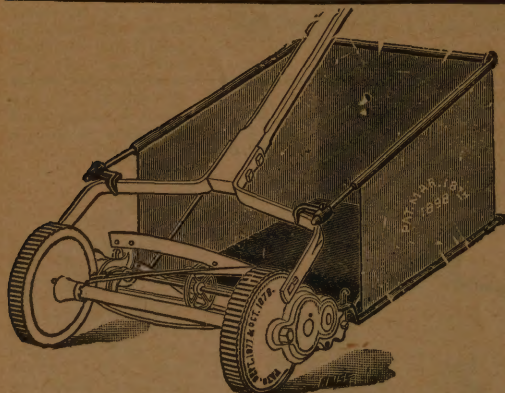
No.	Diameter Inches	Length Inches	Sections	Weight Empty	Filled with Water	Price
WB 5.....	18	24	1	80	310	\$20.00
WB 7.....	24	24	1	115	500	26.00

PENNSYLVANIA LAWN CLEANER AND RAKE

This machine will remove from the lawn, not only the cut grass, but all sorts of litter, leaves and trash, leaving the grass standing upright and free from foreign matter that prevents the sunlight and dew from getting to the roots. The action of the three revolving 24-inch wire tooth rakes is beneficial to the turf, for it raises up the low growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed pods off before they ripen, thus preventing their reappearing the following year. This machine is easy to operate, and with it one boy will do more and better work than four men with hand rakes. Most perfect device of its kind on the market.

Price, 24 inches wide..... \$45.00
Price, 36 inches wide..... 63.00

Guaranteed satisfactory or money refunded.



BRAUN GRASS CATCHERS For Great American It Saves Raking

Canvas sides, galvanized bottom that will not sag. Supported by truss rods not attached to handle. Instantly detached or can be emptied by dumping forward.

Sizes to correspond to size of mower. 15-in. or 16-in. \$5.00; 17-in. or 18-in. \$5.50; 19-in., \$5.75; 21-in., \$6.00.



"BOOMER" Grass Catchers Adjustable

Made of canvas with galvanized bottom for mowers 14 to 18 inches \$2.50; 20 inch, \$3.25.

Clover Lawn Mower Sharpening Compound

Instead of paying from \$1.00 to \$2.00 to have your mower improperly sharpened once a season, buy a 50-cent can of Clover Mower Sharpening Compound, and sharpen it every time you use it—you will never know the delight of cutting grass until you do. Per can 60 cts.

Full Detailed and Illustrated Instructions with Each Can.

JUNIOR and SENIOR CIDER PRESS

The Junior has a capacity of four barrel of cider per day.

The Senior is of the same general design as the Junior and Medium, but is larger and is operated by power, or by two cranks.

Prices and Booklet on "History of Cider and Cider Making" on application.

Junior..... \$33.00
M dium..... 39.00
Senior..... 58.00

THERMOMETER

Thermometer Japanned, each, \$1.50.
Thermometer, Standard Cabinet, 10 in., \$1.25 to \$2.00.

Minimum and Maximum Registering Thermometer, \$3.00
Dairy Thermometer, \$1.50.



Thermometer Hot-Bed, \$2.75 each.

BIRCH BROOMS



Without handles, each 15 cts.; 6 for 60 cts.; 12 for \$1.00.

Garden Stakes

4 ft., 5 ft., 6 ft. Price on application.

Bamboo Stakes

Stakes, Square, Green, Painted Tapering.

3 1/2 ft., doz., 20 cts.; 100, \$1.25.
4 ft., fine, heavy, doz., 50 cts.; per 100 \$3.00.
7 ft., light, doz., 35 cts.; per 100, \$2.25.
6 to 9 ft., light doz., 50c.; 100, \$3.25.
9 to 12 ft., heavy, doz., \$1.00; per 100, \$7.00.

Painted Green

Ft. Doz. 100
1 1/2..... \$0.10 \$0.50
2..... .15 .65
3..... .20 1.00

Galvanized Wire Stakes

Ft. Doz. 100
2..... \$0.15 \$1.00
3..... .20 1.25
4..... .25 1.50

ORCHARD KING PRUNING KNIFE

This two-hand pruning shear readily cuts a live tree branch two inches thick. A roller bearing makes it work easily and prevents wear.

Notice the compound leverage, and notice to the slot in the blade at the pivot bolt. These exclusive features cause a powerful extra long drawing cut, so that the limbs are not bruised nor crushed, but sheared off clean. Hence the wounds heal quickly and without decay.

Notice, too, how compact the knife is. Thus it can be worked where limbs are very close together, removing one without injury to the others. Price, \$7.00.



Orchard King Pruner

KANSAS PRUNING KNIFE IMPROVED

The Kansas Pruning Knife has revolutionized Tree pruning. Instead of being a hard and laborious task, it is made a pleasant pastime on account of the ease and speed with which it can be done.

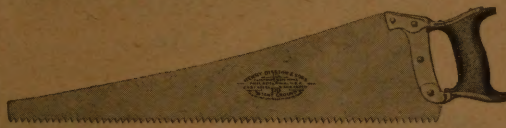
Thousands in use that are giving the best of satisfaction. The Kansas Pruning Knife needs no special recommendation; by its work it speaks for itself and proves its great value. Price, \$4.00.



Kansas Pruner

DISSTON'S PRUNING SAW No. D. 24

has narrow joint crucible steel blade, copper handle with beechwood grip.



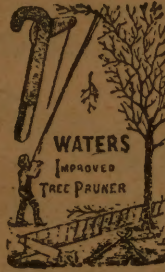
18 inch, \$1.75; 20 inch, \$2.00; 22 inch, \$2.25

"LITTLE GIANT" PRUNING HOOK AND SAW

SIMPLE AND DURABLE

The Knife and Saw are both made of the best Crucible Steel and can be used with or without a pole. The tool is strongly made and durable. The Saw is detached where its use is not required on large limbs.

Price, \$3.25



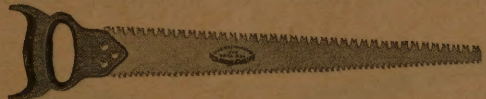
WATERS TREE PRUNER

With removable cutting blade and pole complete.

8 feet.....	\$2.00
10 ".....	2.25
12 ".....	2.50

Disston's Duplex Pruning Saw No. 4.

Beech handle Brass Screws
Price \$2.00.



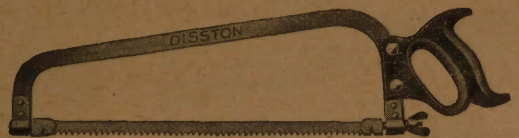
SECATEURS, Best French Wheel Spring



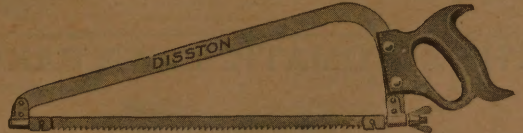
These have a district, very easy-working spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, 7 inch.....	\$3.50
French, 8 inch.....	4.00
French, 9 inch.....	4.50
Best American Make, 8 inch.....	1.25 to 2.50
Best American Make, 9 inch.....	1.50 to 3.50

Disston's Adjustable Blade Pruning Saws



No. 25, Price \$2.50



No. 16, Price \$2.50



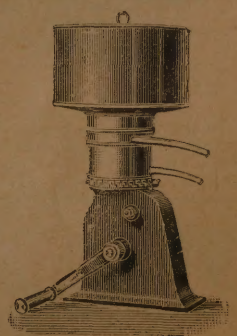
Tor.

SWEDISH SEPARATORS THE MOST MODERN AND PRACTICAL SEPARATORS TO DATE

Adapted to the best meet the requirements of the family with one cow or more. They are manufactured in Stockholm, Sweden, the birthplace of the cream separator industry.

The "Wasa" Separator, Capacity 15 gallons per hour.....	\$20.00
The "Tor" Separator, Capacity 30 gallons per hour.....	\$32.00

The above separators are guaranteed to be as represented and to fulfill all the claims made for them. Illustrated CATALOGUE giving full particulars, FREE on request.



Wasa

With conditions as they are to-day, the prices on above goods are subject to change without notice.



EUREKA KING OF THE FIELD CORN PLANTERS

The Eureka Slide Corn Planters are acknowledged by all who have used them to be the most satisfactory implements of their kind on the market. Eureka Planters are light and durably made and are fitted with adjustable seed gauge and a steel cut-off spring. Positively no brushes used. Price \$2.25.

GIBBS REVERSIBLE STEEL LAWN RAKE



Heavily tinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, \$1.00 each.

Note the bend of the teeth—makes raking easy, does better work, and won't tear up the sod—one of the special features of the "Gibbs Rake."

THE NEW DAISY LAWN RAKES

Latest Improved Rake for cleaning lawns



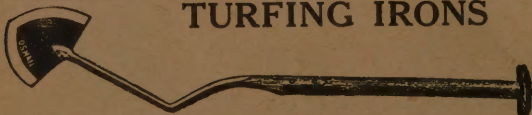
It is the only Rake made that will remove dandelion heads, or any other weeds of like nature, and by preventing them from maturing and reseedling, will in a season or two completely eradicate them from the lawn. This no other Rake will do. The blade is made of the finest quality of steel and is light and durable. A trial is the most convincing proof of its merits. Each, \$1.25.

THE AUTOMATIC LAWN RAKE



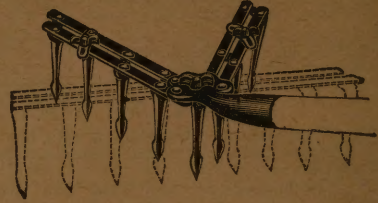
Is the only one made that will clean itself from grass without annoyance to the operator. A Backward motion of the rake will clean all the teeth at once. The teeth are made of the best hickory. 26 teeth, \$2.25.

TURFING IRONS



Solid Steel Cutting Blades, 10 x 7 inches with handles. Each, \$5.50.

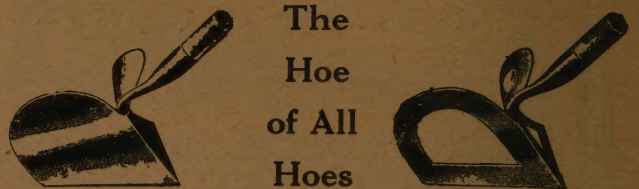
PULL EASY ADJUSTABLE GARDEN TOOLS



Everyone who has worked in a garden will see at a glance the advantages of the "Pull-Easy" over any other kind of a garden tool. When the arms are spread out to full width of 18 inches, the cultivator is like a rake.

For narrower rows, the outer ends of the arms can be closed to any width down to 7 inches. Price, \$1.75.

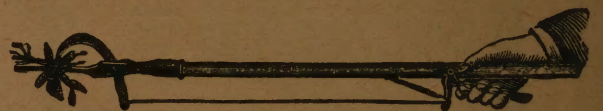
HANDY GARDEN HOE



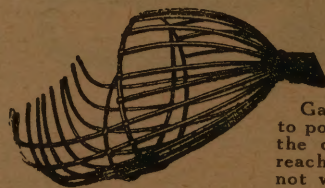
The
Hoe
of All
Hoes

Does ALL other hoes will do AND MORE. It Hoes, Plows, Lists, Pulverizes, Covers and Cultivates. Price Each \$1.00.

CLEVELAND LAWN WEEDER



No more broken backs! This little Device gets at the root of the evil. And removes it bodily. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes toothed jaw to grasp the plant, and a light pull suffices to dislodge it without disturbing the surrounding sod. Each \$1.35.



FRUIT PICKER THE PERFECT.

Galvanized steel wire, attaches to pole of any length. It is always the choicest fruit that cannot be reached from the ladder; you do not wish to knock it down with a club, as the fall would bruise it.

Use the Fruit Picker and the fruit is caught in the pocket prepared for it. Price, without pole. \$1.00.



Improved Geared Hand Broadcast Seed Sower

The Improved Hand Broadcast Seed Sower will distribute Flax and Clover Seed 36 feet to the round; Wheat 50 feet to the round; Timothy Seed 27 feet to the round; Oats 30 feet to the round.

Price, \$2.00

BERRY BOXES

Price per doz. \$0.20
Price per 100 1.25

Larger quantities and other sizes quoted on application.

ASPARAGUS BUNCHERS



Even where one has a limited amount of asparagus to market, it pays to use a buncher. It is quickly tied and looks uniform. With Knife Guard, \$3.50.

GLAZING POINTS

"PEERLESS" GLAZING POINT.
(Improved Van Reyper.)



Peerless (The Improved Van Reyper). Made in three sizes. Per 1000, \$1.00.

PAINTED POT LABELS

	100	1000
4 inch.....	\$.030	\$2.00
4 1/2 inch.....	.35	2.25
5 ".....	.40	2.50
6 ".....	.45	3.25
8 ".....	.75	7.50
10 ".....	1.25	11.50
12 ".....	1.50	11.00

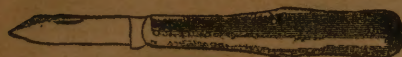
Labels Tree.—Wired, 3 1/2 in., per 100, 45 cts.; per 1000, \$3.50.

Labels Zinc.—No. 4 \$15.00 per 1000 No. 5, \$18.00 per 1000, No. 15, \$11.00 per 1000.

Ink Indelible.—For marking on zinc labels, 40 cts. per bottle.

Pencil.—Wolff's Garden, Indelible 30 cts. each.

Pruning Knives, \$2.00 to \$3.00 each.



Budding Knives, \$2.00 to \$3.00 each.

ENGLISH BILL HOOKS



For trimming heavy shrubbery, trees, etc. Short Handle.....\$2.25

ENGLISH WEEDING FORK



If you want a weeding fork that will last a life-time, buy this one. Price, 0.40 cts.

4 Prongs Longer Handle Weeding Fork, .50.

GARDEN LINE, REEL and STAKE



Malleable Iron Flat. Each \$1.50. Triangular, each \$2.25

Garden Lines 30 yds. 0.30; 60 yards 0.60.



MASTICA MACHINE

For distributing mastica &c. Made of zinc and will last a life-time \$4.50

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet. 1 gallon.....\$3.50

Permanite 1 gallon.....\$2.50

DIBBLES



For Transplanting Iron Point, wooden handle. \$1.00.

BOSTON ROSE SPRAY



Brass, for 1/2 inch hose. Useful for watering lawns gardens, hot beds and greenhouses, can be had with coarse or fine spray. \$1.50 each.

HOES

Steel triangle with handle .75 each



DUTCH HOES

Made of best English Steel.



4-inch.....	\$0.60
5-inch.....	.65
6-inch.....	.70
7-inch.....	.80
8-inch.....	.90

HOES

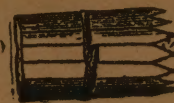
Weeding with 4 tooth Rake. Long Handle. .85 cts. each.



KNIVES EDGING Crescent



Pattern Sheffield make. For trimming Edges of Paths. \$1.50 and \$1.75 each.



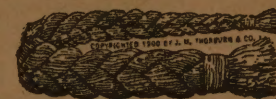
	100	1000
4 inch.....	\$.030	\$2.00
4 1/2 inch.....	.35	2.25
5 ".....	.40	2.50
6 ".....	.45	3.25
8 ".....	.75	7.50
10 ".....	1.25	11.50
12 ".....	1.50	11.00

Labels Tree.—Wired, 3 1/2 in., per 100, 45 cts.; per 1000, \$3.50.

Labels Zinc.—No. 4 \$15.00 per 1000 No. 5, \$18.00 per 1000, No. 15, \$11.00 per 1000.

Ink Indelible.—For marking on zinc labels, 40 cts. per bottle.

Pencil.—Wolff's Garden, Indelible 30 cts. each.



RAFFIA

For tying Extra quality, all-faulty, 50 cts.

ty and defective extracted. 50 cts. per pound. Coloured per lb., .75

Tar Twine.—Medium, 40 cts. per ball. Thin, 50 cts. per ball.

SCYTHES

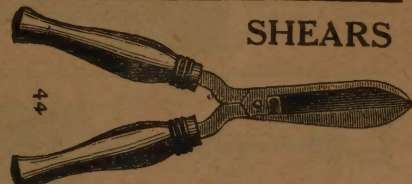


Best English Lawn, \$3.00;



Tree or Bark Brushes.—For brushing down trees, for removing insects, borers, etc., made of steel. Price, \$5.50.

SHEARS



Short handles, \$1.75 to \$2.00 each; Long handles, flat blades, \$3.50.

Used for both trimming hedges and cutting grass. English manufacture.

"TROWEL" SHANK GRASS SHEARS



Solid steel, of finest quality and temper; 7-inch blades. The raised, trowel-like handles keep the knuckles off the ground and allow smoother cutting. Bent shank, \$1.50. Trowel shank, \$1.75.

GREEN SILKALINE



For stringing Smilax and Asparagus etc. Per spool, .60 cts.

GRASS HOOKS



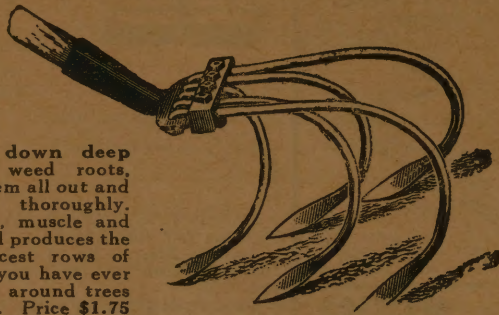
Fox imported. Price, 0.75.

With conditions as they are to-day the prices on above goods are subject to change without notice.

THE "BUCO HAND CULTIVATOR"

Kills Weeds, Grows Vegetables

It gets down deep after the weed roots, cleanses them all out and loosens soil thoroughly. Saves time, muscle and temper, and produces the cleanest, nicest rows of vegetables you have ever seen. Great around trees and shrubs. Price \$1.75 each.



"CUMA" HAND CULTIVATOR.

A miniature "Buco," designed more particularly for ladies' use in the garden. Neatly and strongly made. Price, 50 cts. Caxton Weeder.—3 prongs, long handle. Price, \$1.25.

SOLID FORGED Draw-diamond HOE



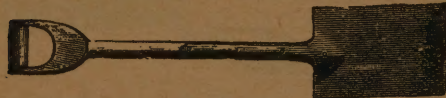
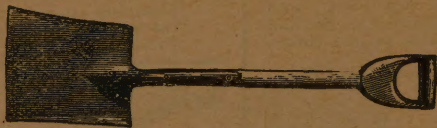
This tool combines the ordinary draw hoe and a diamond-shaped hoe, which will penetrate where the draw hoe cannot with safety be used. Price, each, \$1.75.

Fork, Digging (F) Ladies or Border, best English make, solid steel. Each, \$2.00.



Spades, Ladies or Border (B), best English make, solid steel. Each, \$2.00.

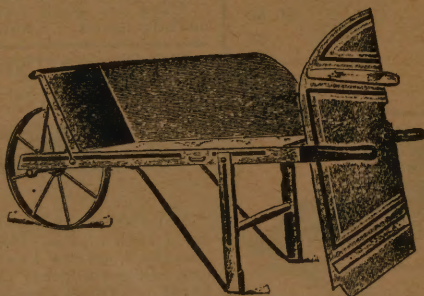
Hovels, square or round mouth, \$2.00 each.



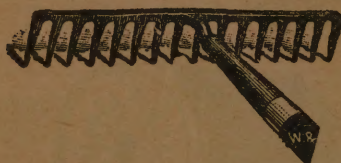
Spades.—Best Canadian make \$2. English make, \$3.50.

WHEEL BARROWS

Removable sides. Goes through the garden gate. Nicely painted and varnished. Steel wheel. Strongly braced. Knock down flat for shipment. Weight, 60 lbs. Price, \$8.00 to \$10.00



Steel Garden Rakes



Made of best cast steel, with long teeth for penetrating the ground.

Straight Tooth		Bent Tooth.	
10 inch	\$1.00	10 inch	\$1.20
12 "	1.10	12 "	1.30
14 "	1.20	14 "	1.40
16 "	1.30	16 "	1.50

Lawn Weeder and Asparagus Knife



No. 3. A "fishtail" style 10-inch blade, drop forged, well ground, enameled shank, securely fastened to wood handle. Although especially designed for cutting out weeds on the lawn,

or for any weeding or stirring of the ground. It can be used effectively for cutting Asparagus. Each .50 cts.

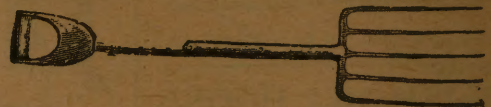


No. 1. For those who want the flat kind. Each, .50 cts.

SOLID FORGED FORK-END HOE



Soil can be hoed and broken up with this tool at the same time if necessary. \$1.75 each.



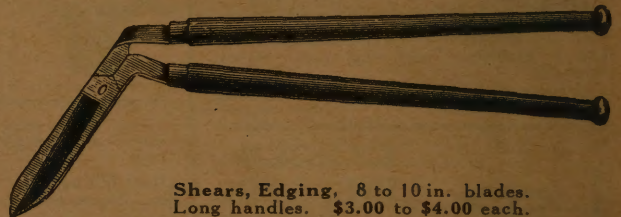
Forks, Digging.—English, 4 prongs, \$2.50, 5 prongs, \$3.00. Forks, Digging.—Canadian, \$2.00 each.

THISTLE OR WEED CUTTER

Handle 5 feet long



Tempered and polished steel blade, solid shank. Each, .90 cts.

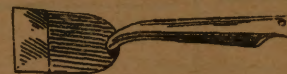


Shears, Edging, 8 to 10 in. blades. Long handles. \$3.00 to \$4.00 each.



Trowels, best English make. one piece and polished steel. Each, .75 cts.

Angle Trowel, for getting dandelion plantain and other weeds out of the lawn, etc. .35 cts. to .50 cts.



Weeders Spuds.—50 cts. to .75 cts. each.



Weeders, Combination.—50 cts. each. Weeders, Excelsior.—.15 cts. each.



Weeders, Hazeltine.—Best cast steel. A handy tool for weeding between beets, carrots, and all small vegetables and flowers. Made of 1-inch wide spring steel. 50 cts. each.

With conditions as they are to-day, the prices on above goods are subject to change without notice.

FLOWER POT

We pack carefully, so can make no allowance for breakage. Packing charged extra for shipping out of city.



STANDARD POT

To Florists and those buying in large quantities we shall be pleased to give special quotations.

	Per 100	Per doz.
1 3/4 in.....	\$1.25	\$0.20
2 in.....	1.30	.20
2 1/2 in.....	1.50	.25
3 in.....	1.90	.30
3 1/2 in.....	2.50	.35
4 in.....	3.00	.50
4 1/2 in.....	3.75	.60
5 in.....	4.25	.65
6 in.....	6.50	1.00
7 in.....	10.00	1.50
8 in.....	15.00	2.25
9 in.....	22.00	3.50
10 in.....	40 cts. each	
12 in.....	1.25 each	
14 in.....	1.60 each	

STANDARD SAUCERS

	Per doz.
4 in.....	\$0.30
5 in.....	.40
6 in.....	.60
7 in.....	.80
8 in.....	1.25
9 in.....	1.60
10 in.....	2.00
12 in.,	50 c. each
14 in.,	65c. each

HALF POTS FOR FERNS.....	Inch 6	Inch 7	Inch 8	
Per doz.....	.60	\$1.25	\$2.00	
12 in., 60 cts. each; 14 in., 85 cts. each.				
¾ AZALEA POTS	6	7	8	
Per dozen.....	\$1.00	\$1.50	\$2.25	
STRAIGHT FERN PANS				
(Without rim).....	5	6	7	8
Per dozen.....	\$1.00	\$1.25	\$1.75	\$2.00

HANGING BASKETS.—10 in., 40 cts.; 12 in., 75 cts.; 14 in., \$1.00.

WIRE HANGING BASKET.—8 in., 40 cts. each; 10 in., 50 cts. each; 12 in., 65 cts. each; 14 in., 80 cts. each.

SEED PANS SQUARE.—8 in., 50 cts. each.

ORCHID POT.—5 in., 50 cts. each; 6 in., 65 cts. each; 7 in., 85 cts. each; 8 in., \$1.00 each.

ORCHID PANS.—6 1/4 in., 65 cts. each; 7 in., 75 cts. each.

WOOD FIBRE ROLLING STAND for HEAVY PLANTS

	Each
12 in. for 10 in. Pot.....	\$1.25
14 in. for 12 in. ".....	1.50
18 in. for 16 in. ".....	2.50
22 in. for 20 in. ".....	3.25



WOOD FIBRE SAUCERS

	Each	Each
5 in., 40 cts.		10 in., 80 cts.
6 in., 50 cts.		12 in., 90 cts.
7 in., 55 cts.		14 in., \$1.25
8 in., 60 cts.		16 in., \$1.90
9 in., 70 cts.		18 in., \$2.25



BUTTER JARS

	With Covers	
1 gallon.....		\$0.60
2 ".....		.90
3 ".....		1.25
4 ".....		1.50
5 ".....		1.75
6 ".....		2.00
8 ".....		3.00
10 ".....		3.50

BUTTER CHURNS

Stoneware Churn With Covers

Dashers included cheaper and more sanitary than wooden Churns.

2 gallon size, \$1.50
3 " " 1.75
4 " " 2.00
5 " " 2.25



Little Giant Mole Trap

MOLE TRAPS

French make, 50 cts. each. Little Giant, Direction with each trap, price \$1.50 each

NEPONSET WATERPROOF PAPER FLOWER POTS

Waterproof, unbreakable, handsome, cheap

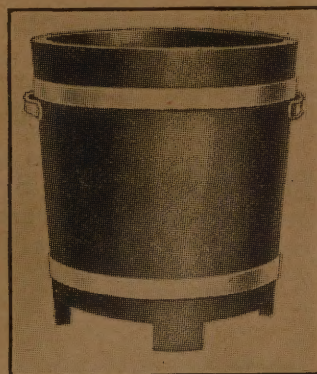
May be used over and over again, for transplanting, shipping potted plants, etc.

	Per doz.	Per 100		Per doz.	Per 100
2 1/2 in.....	\$0.15	\$0.75	4 in.....	\$0.25	\$1.75
3 in.....	.20	1.00	5 in.....	.40	2.50

PLANT BUBS

Made from everlasting Cypress. They are strong light and thoroughly serviceable.

Inside Measurements				
No.	Top	Depth	Price	
1	13 1/2 in.	12 in.	\$2.25	
2	14 1/2 in.	14 in.	2.50	
3	16 in.	16 in.	3.00	
4	19 in.	18 in.	3.50	



JONES' POT BRACKET

No. 1—Holds 5-inch pot.	Each, 65 cts.; doz., \$6.50.
No. 2—Holds 6-inch pot.	Each, 75 cts.; doz., \$7.50.
No. 3—Holds 7-inch pot	Each 85 cts.; doz., \$8.50.



FERTILISERS

Bon Arbor Fertilizer.—Used and endorsed by the leading authorities. Awarded Diploma and Silver Medal at the Royal International Horticultural Exhibition, London, England.

Bon Arbor Is immediately soluble in cold water therefore all the properties are available to plant life from the moment of application. It is quick in action, enabling you to see its effects in from three to ten days on any quick growing plants, vegetables and lawns, and on slower growing plants in a proportionate time. It being a complete food, containing Nitrogen, Potash and Phosphoric Acid in sufficient quantities, will sustain the growth it makes.

While we do not claim impossibilities, we do claim and are backed in our claim by the best and most prominent show growers, that we have one of the highest grades and quickest responding plant foods on the market.

Reg. No. 145-A

Guaranteed Analysis

Water Soluble Nitrogen.....	15%
Total Nitrogen.....	15%
Available Phosphoric Acid P2 O5.....	5%
Total Phosphoric Acid P2 O5.....	5%
Potash Soluble K2 O.....	4%
Price ½ lb., 30 cts.; 1 lb., 50 cts.; 5 lbs., \$2.25; 10 lbs., \$4.00.	

A pamphlet giving in detail all the merits of this wonderful Fertilizer and explicit directions for use will be mailed to any applicant.

Excelsior Lawn and Garden Fertilizers

A fertilizer especially prepared for us, entirely from chemicals, and designed for top dressing lawns. It is quick and lasting in its effects and produces a thick, velvety sward, which will withstand both the winter's cold and summer's heat. When used in growing early vegetables, its richness in potash results in vegetables, particularly tender, bright and crisp.

No. 2797

Guaranteed Analysis

Total Phosphoric Acid.....	6%
Soluble.....	6%
Potash K2 O.....	10%
5 lbs., 50 cts.; 10 lbs., 70 cts.; 125 lbs., \$5.00.	

Bristol Vegetable Fertilizer

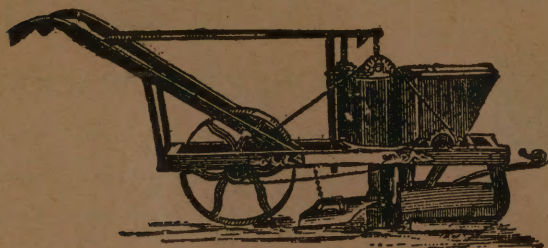
No. 2796

Guaranteed Analysis

Total Phosphoric Acid.....	4%
Soluble.....	4%
Potash K2 O.....	8%
5 lbs., 40 cts.; 10 lbs., 60 cts.; 125 lbs., \$4.35.	

SUMMER CLOUD

For glass structures that requires shading. **SUMMER CLOUD SHADING** is the only genuine and original article. It has been in use for over 40 years. 8 ozs package \$1.00 24 ozs. package \$2.25.



STIM-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office.

An Efficient and Scientific Way of Fertilizing Growing Plants.

Stim-U-plant Tablets are designed for use by all who grow plants—home gardeners, market gardeners, small fruit growers, fruit growers, florists and farmers. Their most valuable use is in feeding the growing plants. Being composed of water soluble materials of great feeding power and of known weight and percentage of plant food, **Stim-U-plant** Tablets can be used directly to the soil at the base of the plants to feed them definite amounts of available food. Once in the soil they immediately dissolve and mingle with the soil water, pass into the root-hairs and roots to begin feeding the plants. No matter how fertile the soil may be, **Stim-U-plant** is effective in feeding the crops because of its rich, available food content.

No. 2675

Guaranteed Analysis

Nitrogen.....	11%
Phosphoric Acid.....	12%
Potash K2 O.....	15%
Trial size, 20 cts.; small size, 35 cts.; 100 tablets, \$1.00; 1000 tablets, \$4.25.	

"Natural Guano" Pulverized Sheep Manure

Best natural plant food pure and unadulterated, unexcelled for lawns, vegetables and flowers. The crude manure is taken from covered barns, where sheep are fed for the market, and is therefore much richer than manures exposed to the weather. Price for 100 lb. bag, \$3.50. Larger quantities quoted on application.

Bone Flower Tankage.—Effective as a top-dressing and for mixing in soil. 5 lbs., 50 cts.; 100 lbs., \$4.50.

Bone Meal Tankage. Pure ground bone not quite so finely ground as the preceding. 5 lbs., 40 cts.; 100 lbs., \$3.50.

Nitrate of Soda.—It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground, when 200 to 300 lbs., mixed with land plaster is sufficient per acre. Nitrate of Soda does not exhaust the land. 5 lbs., 50 cts.; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50. Large quantities, prices on application.

Sulphate of Ammonia. Very desirable where a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil or 3 gallons of water. Price 1 lb., 15 cts.; 5 lbs., 60 cts.

Unleached Hardwood Ashes.—No weeds to bother you when you use ashes. Well screened and dry. Per 100 lbs., \$2.25. Special prices for large quantities.

Land Plaster, or Gypsum.—Valuable for soils requiring lime and sulphate; good for sour soil. 100 lbs., \$1.00.

PEAT ORCHID.—Per bag, \$6.00.
BROWN FIBROUS.—Per bag, \$3.50.

Queen Corn Planter and Fertilizer Distributor Combined.

Plants Corn, Beans, Peas, Beet or Mangel seed in hills and drills; it will drop 6, 12, 24 or 36 inches, or drop 7, 15, 30 or 45 inches, and will distribute from 50 to 450 lbs., as desired, of commercial fertilizer, wet or dry. Price, complete, \$35.00. Price without Fertilizer Distributor, \$25.00.

This Planter has been used on all kinds of soil and under all circumstances; every improvement has been made to make this the most perfect and reliable Planter in the market.

The White Fly Fumigant

THE GREAT NEW DISCOVERY FOR DESTROYING WHITE FLY

DISTINCT FROM ALL OTHERS



(Non-Poisonous)

No apparatus, no cyanide or acid, no danger to operator, no need to dry off the house, no basins, no saturated clothes to hang up which might be harmful to the operator, simply pour from the container on to the floor of the greenhouse.

The fly is not only brought down, but killed after reaching the ground.

No limit to time of day, temperature or humidity, when fumigating.

Will kill Wood Lice if sprinkled in small quantities where they are. Keep containers well corked.

The cheapest, safest and most effective fumigant.

4000	8000	16000	32000	64000 cu. ft.
1/2 Pt.	1 Pt.	1 Qt.	1/2 Gal.	1 Gal.
\$1.00	\$1.50	\$2.75	\$5.00	\$9.50

"ABOL" INSECTICIDE Non-Poisonous.

Admitted to be the World's Best Pest Destroyer—safe, certain and reliable. Abol is certainly without equal as a Cure for Mildew on Roses and other Plants. It is clean and wholesome to handle, has no unpleasant smell, and does not injure paint. Hence its great popularity amongst Horticulturists in every sphere of life.

Abol is firmly established, and has been in use in the principal gardens for many years. Awarded Gold Medal by Special jury at the White City 1/2 pint, 60 cts.; 1 pint, 85 cts.; 1 quart, \$1.50; 1/2 gallon, \$2.25; gallon, \$4.00.

Ant Destroyer.—The best available remedy for ants each hill. 1/4 lb., 35 cts.; lb., \$1.00.

Aphine.—Aphine will destroy Green, Black and White Fly, Red Spider, Thrips, Mealy Bug, Brown and White Scale, without the slightest injury to the tenderest flower or foliage. It invigorates plant life. A practical insecticide for flower growers. Gallons, \$3.50; quarts, \$1.50; pints, \$1.00; half pints, 60 cts.; 1/4 pint, 40 cts.

Aphis Punk.—Is lighted with a match and allowed to burn. Box of 12 rolls, \$1.25.

Apterite.—Apterite is a grey, non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. 5 lbs., 75 cts.; 7 lbs., \$1.00.

Arsenate of Lead.—Powder.—Superior to paste in that it does not deteriorate from standing. Use 1 to 1 1/2 lbs. to 50 gals. of water. 1 lb., 50 cts.

Arsenate of Lime.—Recommended for use straight on potatoes and other ground crops. lb., 50 cts.; 5 lbs., \$2.25.

Black Leaf 40.—A concentrated nicotine solution for aphid, thrip and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz., 45 cts.; 1/2 lb., \$1.50; 2 lbs., \$4.50.

Bordeaux Mixture.—Powder.—Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water. 1 lb., 40 cts.

Bug Death.—1 lb., 20 cts.; 3 lbs., 45 cts.; 5 lbs., 65 cts.; 12 1/2 lbs., \$1.25.

Copper Solution.—For mildew, blight and rust on fruit, flowers and vegetables. Should be diluted 100 times with water for spraying. An excellent spray for fruits when nearing maturity or when plants are in full bloom. Qt., \$1.75; gal., \$4.25.

Cyanegg.—For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing the white fly. Per lb., \$1.50.

Fir Tree Oil.—Used for destroying mealy bug, red spider and mild forms of scale. Also to spray for thrip, green fly, etc. 1/2 pt., 75 cts.; per pint, \$1.00; per qt., \$2.00.

Fungine.—An excellent remedy for fungus diseases of all kinds. Per qt., \$1.75; gal., \$5.00.

Fungicide (Cooper's).—Prevents fungus diseases, small fruits and vegetables. Tin, 40 cts.

Gishurst Compound.—Destroys Red Spider Fly, etc. Box, \$1.50.

Hall's Free Nicotine.—Destroys plant lice and similar soft bodied insects. 1/2 lb., \$1.75; 2 lbs., \$5.50; 8 lbs., \$19.00.

Hellebore.—The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per lb., 90 cts.

WEEDS UTTERLY DESTROYED

By One Thorough Application of

HERBICIDE

One thorough application will keep Gutters, Paths and Roadways clear of weeds, Poison Ivy, Grasses, Mosses, Johnson Grass, Dandelions, Burdocks, Canada Thistles, etc.

In 1/2 gal. tins sufficient to make 20 gals. of liquid, \$1.75.

In 1 gal. tins sufficient to make 40 gals. of liquid, \$3.00.

In 2 gal. kegs sufficient to make 80 gals. of liquid, \$5.50.

In 5 gal. kegs sufficient to make 200 gals. of liquid, \$12.00.

Full particulars on application.

Kirke Insecticide Cartridges.—Each, 75 cts.

Lawn Sand.—(Climax).—For destroying Daisies, Dandelions, Plantains, Ribbed Grass, Thistles and other weeds on lawns, croquet grounds, bowling greens, parks, etc., at the same time acting as a fertilizer, and improving the growth and colour of the grass. 5 lbs., 75 cts.; 10 lbs., \$1.40; 28 lbs., \$3.25; 56 lbs., \$5.50.

Lime Sulphur Solution.—For scale insects on trees and shrubs, and such fungus diseases as can be treated in winter or early spring, also for leaf curl of peaches. Per gal., 90 cts.; 5 gal., \$3.

Lime Sulphur.—(Dry Powder Form).—Per lb., 35 cts.; 5 lbs., \$1.50.

Nico Fume.—Paper.—A nicotine preparation. Furnishes easiest method of fumigation. Box of 24 sheets, \$2.50; 144 sheets, \$8.00; 288 sheets, \$15.00.

Nico Fume.—Liquid.—An effective vaporizing liquid. 1/4 lb., \$1.50; 1 lb., \$3.50; 4 lbs., \$12.00; 8 lbs., \$22.00.

Nicoticide.—1 pint for 32,000 cubic feet, \$4.25; 1/2 pt. for 16,000 cubic feet, \$2.50; 1/4 pt. for 8,000 cubic feet, \$1.50.

FUMIGATORS for above, \$1.25 each.

Nikoteen.—Remedy against Aphid, Red Spider, Thrip, Plant Louse, Mealy Bug and other insects. 1 oz., 50 cts.; 1 1/4 oz., 75 cts.; 1/2 lb., \$2.00; 1 lb., \$3.00; 4 lbs., \$13.00.

Paris Green.—Use 1 lb. to 50 gallons of water. Lb., 40 cts.

Pyrethrum Insect Powder.—1 lb., \$2.00

Pyrox.—(Bordeaux Arsenate of Lead, Paste).—A combination of Bordeaux Mixture and Arsenate of Lead forming thereby a remedy for fungus and leaf-eating insects. Use 1 lb. to from 5 to 10 gals. of water. 1 lb., 60 cts.; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$10.00.

Rat Exterminator.—"Common Sense."—It dries them up. lb., 35 cts.

Rax.—The most efficient rat exterminator. Introduces a contagious disease which effects only rats. Each, 90 cts.

Scaline.—A Scalecide, Insecticide and Fungicide combined. Used at a strength of one to twenty parts water for Scale, one to fifty for other sap-sucking insects. An effective spray for San Jose and other Scale. Contains no sediment and can be applied with the finest spray nozzle. Qt., \$1.50; gal., \$4.25.

Slug Shot.—One of the best known remedies for cabbage and currant worms. Apply as bought. 1 lb., 25 cts.; 5 lbs., 90 cts.

Soft Soap.—(English).—Specially selected as a insecticide. 2 lb. tins, 80 cts.; 4 lb. tins., \$1.50; 7 lb. tins, \$2.25.

SPRAY-TABS

BORDEAUX ARSENATE TABLETS. INSECTICIDE AND FUNGICIDE COMBINED

Perfect Spray Materials in Tablet Form, per box of 30 tablets, 40 cts.

INSECTICIDES—Continued

Readeana.—(Rose Bug Exterminator).—A poisonous preparation which dilutes in water. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Bottles, 90 cts. and \$1.25.

Sulphate of Copper.—For destroying fungus diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture, it requires four pounds Sulphate of Copper to 6 pound lime, which is diluted in 50 gallons of water. Per lb., 15 cts.; 100 lbs., \$12.00.

Sulphur.—Used principally in greenhouses for checking mildew. Per lb., 10 cts.; 5 lbs., 75 cts.; 25 lbs., \$1.50.

Sulphur.—Best Black Imported. Lb., 20 cts.; 7 lbs., \$1.25.

Tobacco Dust.—For dusting only, excellent for Lettuce and other plants to destroy soft, creeping insects. Per lb., 15 cts.; 5 lbs., 50 cts.; 10 lbs., 80 cts.; 25 lbs., \$1.75.

Tobacco Stems.—10 lb., 40 cts.; 25 lbs, 90 cts.; 100 lbs., \$2.75.

Whale Oil Soap.—Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 75 cts.

Worm Eradicator.—(Radix).—Destroys worms in lawns, on tennis courts and putting greens. One gallon makes 100 gallons of treating liquid, 5 gallon, \$9.25; 25 gallon, \$37.50.

Worm Eradicator.—(Reade's Electric).—This has been found to effectually destroy worms in greenhouse benches and in potted plants or for outdoor use, in the flower and vegetable garden, or among trees. It may be used with perfect safety, and results are sure. Per 24 oz. bottle, \$1.50; 8 oz. bottle .90 cts.

X. L. All Insecticide.—For spraying. English preparation; purely nicotine; harmless to very delicate plants; kills mealy bug, red spider, and all insect pests. ½ pint \$1.00; Pints, \$1.75; Qt., \$3.00.

X. L. All Vaporising Fumigator.—Contains sufficient Compound for 10,000 cubic feet Nicotine-Poison No. 3 bottle \$3.00; No. 4, for 5,000 cubic feet Bottle \$1.75; FUMIGATORS for above. Each \$1.50

Thrip Juice.—(Hammond's No. 2).—This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Per qt. tin, \$1.75.



TREE TANGLE FOOT (Caterpillar Preventative).

No Caterpillar and creeping insect escapes its sticky, deadly grip.

A perfect safeguard for trees against Gypsy Brown-Tail and Tussock Moth, Caterpillars, Canker Worms, Cut Worms, Ants and other creeping insects.

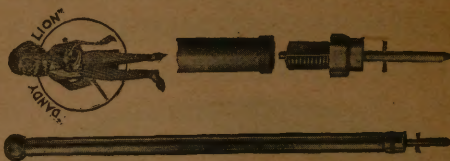
It will remain sticky about three months fully exposed to weather. One pound will make a band 7 to 8 feet long. 1 lb tin, .60 cts.; 5 lbs tin \$2.75; 10 lb tin, \$5.00.

Combines Barral. Recipe to Preserve Eggs Fresh During 10 to 12 Months

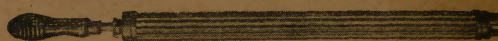
Preserve eggs from one laying season to another without losing any of their qualities. Price per disc 50 cts. Price per box of 5 discs \$2.00 One disc will preserve 100 eggs.



THE DANDY-LION" WEED KILLER



The only instrument (when filled with Weed Killer) that will effectually destroy Dandelions, Docks and other coarse weeds in Lawns, etc., without injury to the surrounding grass. Made in solid brass with iron handle, \$2.00 each. Galvanized iron cylinder brass tip, iron handle, \$1.50.



SYRINGES

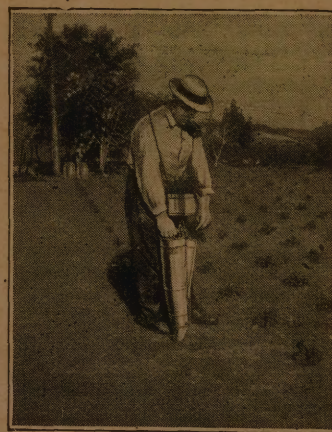
SYRINGE, THE "FOUR OAKS" PATENT UNDENTABLE SYRINGE.

"Four Oaks" Undentable Syringe, the Gardener's Ideal Syringe, complete with Jet, also fine and coarse roses.

1½ x 20 inches, each..... \$13.00
1½ x 18 inches, each..... 12.00

SYRINGE "ABOL."—Spraying, fitted with Purser's Patent drip preventer. No. 1, \$5.00, No. 2, \$7.00.

SYRINGE.—Heavy brass, 18 inches, Price, \$4.00.



Master Transplanter

The only practical tool to transplant, tobacco, tomato, cabbage, Celery, cauliflower, pepper, strawberry and other similar plants. Full direction with each tool. Price, \$10.00.

RUSTIC BIRD HOUSES

For Woodpeckers,
Blue Birds, Robins,
Wrens, etc.
From \$2.00 up.



POULTRY SUPPLIES

"SUCCESSFUL" HOT-WATER INCUBATORS

THE STANDARD OF PERFECTION IN ARTIFICIAL INCUBATION

MORE IN USE IN CANADA THAN ANY OTHER INCUBATOR ON THE MARKET

SO SIMPLE TO OPERATE — GIVING A LIFETIME OF SERVICE

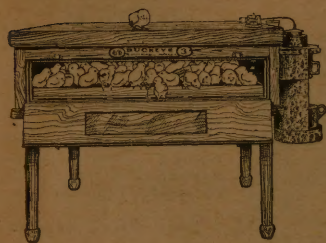


Construction.—Inner walls California Redwood, then heavy building paper, outer walls 4 inch fir ceiling. Each board, large and small, is dadoed or interlocked, thus giving the "Successful" the best of cabinet construction. They are hot water heated, a pure copper tank entirely encircling the egg chamber (tanks are good for 25 to 30 years). Tanks, thermometers and automatic heat regulation are carefully tested. They also have double glass doors and a very convenient, deep chick nursery under the trays. Handsomely finished.

Guarantee.—You purchase these machines under an absolute money-back-if-not-satisfied guarantee. You run no risk purchasing the "SUCCESSFUL."

Incubators	PRICES
No. 0 60 egg capacity.....	\$21.00
No. 6 120 egg capacity.....	34.00
No. 5 175 egg capacity.....	40.50
No. 9 240 egg capacity.....	48.00
No. 4 312 egg capacity.....	57.00

BUCKEYE INCUBATORS — HOT AIR HEAT



Because of the returns it has given the Buckeye Incubator has become firmly established as one of the leading hatching machines on the market. The principles on which it is built long ago established its great hatching qualities, and on the strength of the many satisfied purchasers of Buckeye Incubators we have had in the past, we can strongly recommend it, having every confidence that it will render you full service to pour complete satisfaction.

Style E. No. 14 (capacity 65 eggs).....	\$ 19.00
Style E. No. 16 (capacity 120 eggs).....	32.00
Style E. No. 17 (capacity 210 eggs).....	43.00
No. 1 Standard (120 eggs).....	43.00
No. 2 Standard (175 eggs).....	51.50
No. 3 Standard (250 eggs).....	67.00
No. 4 Standard (350 eggs).....	78.50
No. 5 Standard (600 eggs).....	124.50

"SUCCESSFUL BROODERS" — The Best Chick Preserver

FOR OUTDOOR OR INDOOR USE

HOT AIR AND HOT WATER HEATER

Floor in Successful Brooders is elevated from the ground, heat is regulated automatically, preventing crowding or chilling of the chicks. Heating arrangement extends entire length of brooder. Same safety lamp used in our brooders as in our Incubators. Large glass door in front provides ample light. Can be used indoors as well as outdoors. Constructed very durably from inch lumber.

BROODERS

PRICES

No. 20-200 size Outdoor hot air.....	\$26.00
No. 25-300 size Outdoor hot air.....	31.00
No. 21-100 size Indoor hot air.....	20.00
No. 22-200 size Indoor hot air.....	23.00
No. 14-200 size Outdoor hot water.....	30.00



**BUCKEYE
STANDARD
COLONY
BROODER
STOVE**

SHOWING A STANDARD COLONY BROODER IN OPERATION WITH 1050 CHICKS

Self-Feeding, Self-Regulating, Simple, Safe, Everlasting. Guaranteed operation cost less than Six Cents a day.
No. 18 (capacity up to 500 newly hatched chicks) . \$25.00
No. 19 (capacity up to 1000 newly hatched chicks) . 31.00
No. 25 (capacity up to 1200 newly hatched chicks) . 35.00

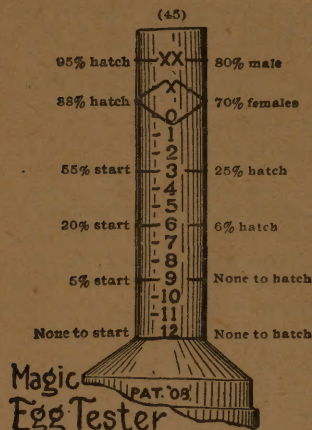


**BUCKEYE PORTA-
TABLE BROODERS**

With all the desirable features of the Modern Coal Burners. Built in 3 sizes.

No. 20 Diameter 19 inches. Capacity 60 chicks.....	\$13.50
No. 21 Diameter 22 inches. Capacity 100 chicks.....	17.25
No. 22 Diameter 30 inches. Capacity 150 chicks.....	22.00

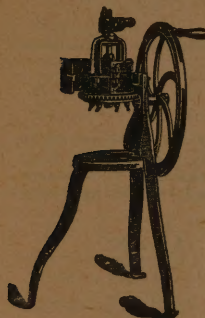
THE MAGIC EGG TESTER



This tester is really a wonder. Unlike other testers, it tests the egg before it is set for hatching. Price, \$2.50 each.

Mann's New Model

Bone Cutters



The most reliable on the market. Price, \$18.50.

No. 7.—Intended for flocks of 40 to 100 hens. Price, \$27.50.

No. 7 1/2. — Semi-Power Bone Cutter. Price, \$35.00

Galvanized Iron Wall Fountains.



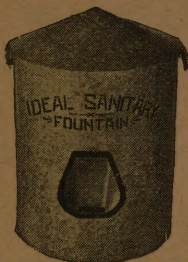
Price, 1 quart size, 75 cts.; 1 gallon size, \$1.25; 2 gallon size, \$1.50 each.

Galvanized Iron Grit and Shell Boxes



Price, small size, 3 compartments, \$1.25 one compartment size \$1.25; large size, 2 compartments \$1.50 one compartment, \$1.25; chick size, 75c.

PAGEL'S SANITARY FOUNTAIN



The Simplest, Handiest and most Practical Fountain Made

Keeps Water the Right Temperature all the Year.

Has no lamps to trim, and no valves to get out of order. Saves time, labor and worry, and costs nothing to run.

IDEAL SANITARY FOUNTAIN

2 gall. size.....\$4.50
3 gall. size.....5.50
5 gall. size.....6.50

IDEAL ECONOMY DRY FEED HOPPER



The Best Feeding Device

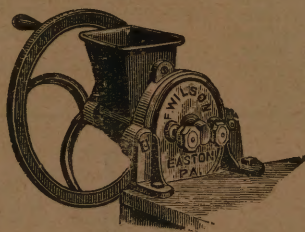
Has no wire or screens to injure fowls heads or beaks Absolutely Rat, Rain and Bird Proof. Price, \$6.50.

Colonial Drinking Fountain Galv.



(Easily Cleaned) Ensures a plentiful supply of clear cool water. 1 qt., 60 cts.; 2 qts., 75 cts.; 3 qts. \$1.00.

No. 1 HAND BONE SHELL and CORN MILL



This mill will granulate bones, shells, grit, etc. Price, \$7.00.

SANITARY DRINKING FOUNTAINS



(Earthenware, Price, 1/4 gall. 60 cts.; 1/2 gallon, 65 cts.; 1 gallon, 80 cts. 2 gallons, 1.50 each.

"BLACK HAWK"

CORN SHELLER



Weight, 15 lbs., Shells Fast, Clean and Easily

Black Hawk is simple, easily adjusted and will shell clean all kinds of field corn. Price, each, \$3.50.

BITTER LICK, SALT BRICK

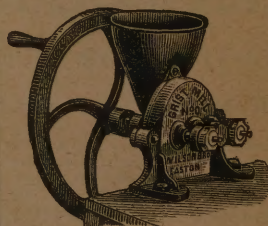
BITTER LICK MEDICATED Salt Brick



For Dairy Cows, Horses and other animals. This is an essential to general good health in stables among horses and cattle. Per brick, 40 cts.; \$4.00 per doz.

Salt Brick Holders, 40 cts. each; \$4 per doz.

Wilson's No. 0 Grist Mill



TO BOLT TO BENCH OR TABLE

Especially made for grinding Graham Flour, Rice, Corn Meal, Coffee, Spices, etc., for table use. Can also be adjusted in a second for cracking the grain if desired. Price, \$7.00.

APACHE GRIST MILL, has a larger capacity than the Wilson. Price, \$10.00.

COMPLETE ILLUSTRATED BEE SUPPLY LIST
SENT ON REQUEST

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"LA PATRIE"

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